

**Minutes of the 61st meeting of the
INTERNATIONAL EXECUTIVE COUNCIL (IEC)
15 October 2010
First Session : 09:00 to 12:30 hours
Second Session : 13:30 to 17:00 hours**

First Session (09:00 – 12:30 hrs)

Preamble

At the outset, **President Chandra Madramootoo** welcomed the participants to the 61st International Executive Council (IEC) meeting.

Prior to proceeding with the Agenda, the President noted the passing of VPH Henri Tardieu since the last IEC meeting, and he asked the Secretary General to give a brief background statement on the contributions of the late VPH Henri Tardieu.

Secretary General Gopalakrishnan reported to the Council with a feeling of profound grief the news of the passing away of VPH Henri Tardieu on 2nd April 2010. Born in 1946, Monsieur Tardieu received his engineering education from Ecole Polytechnique, France. After joining Société d'Aide Technique et de Coopération (SATEC), Paris in 1970, he worked for four years in Africa in Senegal and Algeria, and then joined the Compagnie d'Aménagement des Coteaux de Gascogne in 1974 as 'In-charge of the Hydraulics Department' and rose up to the position of Director General. He was also the Administrator of the Adour-Gaonne Water Agency and remained as the President of the French National Committee (AFEID) for nearly two decades. VPH Tardieu was always a strong supporter of the objects of the ICID and indeed epitomized excellence in all his contributions to the works of Commission in various capacities such as the Vice Chairman of PCTA, Vice Chairman of erstwhile WG-OMM and Strategy Theme Leader of Theme "Basin" (a position he held admirably till the last IEC meeting in New Delhi in 2009). His valuable contribution as the Chairman of ICID Task Force 3 on "Developing a Position Paper on Socio-Economic Sustainability of Services provided by Irrigation, Drainage and Flood Control Schemes in Water Resources Sector" and as the Vice President of ICID for the term (1994-1997) were exemplary. His significant and noteworthy contributions to the last World Water Forum 5 (WWF5) in Istanbul in March 2009 on the Topic 2.3: "Water and Food for ending poverty and hunger" is still in our memory. Secretary General concluded that Mr. Tardieu had an everlasting imprint of his inspiring personality on all the works of ICID and wished that his soul rest in peace.

President Chandra Madramootoo asked for a minute of silence to be observed in honour of late VPH Henri Tardieu.

Secretary General Gopalakrishnan then read out the resolution to be passed on to the family of late VPH Henri Tardieu as below:

Condolence Resolution

"The 61st meeting of the International Executive Council (IEC) deeply mourns the profound loss suffered by the Commission in the passing away of Vice President Hon. Henri Tardieu. The Council resolves that the condolence of the Commission be conveyed to the bereaved family of late VPH Tardieu, as well as to the French National Committee (AFEID)."

Thanking Secretary General, President Madramootoo informed the Council that VPH Tardieu's colleague from French National Committee, VPH Alain Vidal had also spoken a few words of tribute to him at a reception that the French National Committee hosted. Earlier this week, he added, that together with President Hon. Bart Schultz, a few remarks were made by him at the Office-Bearers Committee (OBC) on VPH Tardieu's many contributions. While all were familiar with late VPH Tardieu, he suggested members not to hesitate to ask either President or Secretary General or VPH Alain Vidal for more information.

The President then moved on to the formal Agenda.

Item 1 : Opening remarks by President, ICID

President Chandra Madramootoo took up his opening remarks using PowerPoint Presentation (**Annex 1**) with a simultaneous quick review of some of the items that are very much on the agenda. He added that ICID's mission, some not new, is important for us at this point of time and they were having links to some part of his last presentation on which he would seek the support of the Council. The current drivers are still the 'food crisis' and 'volatile food prices'. He continued to indicate that the 2008 food crisis has not diminished, but in fact, in some parts, worsened. One could see recently some volatility in food prices, as per a few of the reports of the economists. Some of it is partly attributed to speculation on the markets. Something, one saw previously in the 2008 food prices repeats. There is a feeling that market speculation and market forces are playing some active role in the volatility of food prices. The recent natural disasters particularly in Pakistan and in some parts of the China, India and also in Russia add to the woe. This is further driving the availability of food and particularly cereals and grains which has an impact on the prices.

President Madramootoo went on to add that the climate variability, floods and droughts are still very much affecting food production in many parts of the world particularly in Pakistan, some parts of Europe and also in parts of Sub-Saharan Africa. Competition from other water uses, again something not new, but not going away. The world continues to face shortage due to the rise in demand of water from other sectors, economic and human sectors, in particular. Agricultural water has to concern about water use in irrigation, especially when water requirements for food production that must at least be double over the next 4 decades or even less in order to be able to meet the food demands of population as well as change in dietary patterns. The lack of water in storage must also be a concern. Sufficient fresh water has been made available through irrigation sector. Of course yes, there is a question of freshwater availability and some parts that are already water scarce but there is no doubt in other parts of the world which have not benefitted from the storage capacity is that we have seen in parts of Europe and Asia and the Americas are going to dog the production of food in areas with the dry climate. And IWMI had just released the report on water storage certainly with a call for improved storage / more storage. In conjunction with other types of storage, a wide range from soil moisture storage to groundwater storage. In their report, IWMI indicates that it is not one side all solution but we do need to rethink whole use of storage. We cannot avoid it and despite the 10th anniversary of World Commission on Dams, there is very clear need for us to vigorously pursue this. President ICID added he had an opportunity to meet with the President of ICOLD in China earlier this year when he assured to work with ICOLD in re-examining these issues of water storage for food security. The demands for bio-energy an alternative fuel impacts not only energy, but water and food production. Other crops for fuel impact fuel prices. Changing dietary patterns particularly in emerging economies, weak institutional capacity continue to hurt in many parts of the world. In these places the institutional reforms have not advanced or progressed as far as they should have been. In addition, the reforms in respect to water management, water pricing, operation and maintenance, ownership and transfer of resources are yet to be in place. There is a lack of investment in agriculture and water despite the pressure from G8 leaders in 2008 to food security. Some 20 billion dollars are supposed to go into food security investment by national governments. Many of those investments have not yielded results. The commitments by the World leaders are yet to be met. There have been little additional funds brought to the table. Investments continue to be weak. Weakened applied research and technology transfer capabilities persist. The environmental aspects, particularly on water quality degradation plague the irrigation and drainage sector. Despite much research in that area, the improvements in the field have been relatively modest.

President Chandra Madramootoo referred to recent incidences like the forest fires in Russia and floods in Pakistan. Some of the short term impacts apart, there is a fear of longer and medium term impacts. Probably, it will be more next year when one witnesses shortage of stock in reserves. And how that will play in price volatility is a concern. It is estimated that about half of the Pakistan's population say, 80 million or so, have been affected by floods. The loss of food storage and production capability, loss of infrastructure, degradation of lands are well known. The medium term impact likely to be felt by next year may be witnessing shortages of food, down the reserves. Despite the number of poor people in the world declining, first millennium development goals are not achieved, a rise in the number of people affected by hunger and malnutrition is seen. This is going up to close to a billion. As a result of financial crisis, loss of purchase power in many countries is apparent. FAO statistics shows over half of 1 billion people reside in Asia and Pacific and just over 200 million in Sub-Saharan Africa are also affected.

Recent studies by FAO and World Food Programme (WFP) note that 22 countries remain high in persistent hunger. These 22 countries, the large number of them in the African continent represented by a total population of 166 million people – represents about 20% of all the 'under-nourished' people. He projected a graph taken from FAO, WFP report showing countries like Tajikistan, Cote d'Ivoire, Afghanistan, Kenya, Ethiopia, Haiti, Burundi to Sudan as some of the 'worst affected'. This graph represents the percentage of ODA that has been going in to agriculture

in these countries as relatively small. In Tajikistan, it is just about 8.5% ODA for food production and food security. The average for all less developed countries is roughly 6% of ODA. ICID is represented in many of these countries. President pointed out that we have National Committees in several of these countries. Some active and some inactive. The question before us is what could be our contribution towards these 22 countries? Probably, more on regional scale? Perhaps ICID can't be everywhere. As an organization, with limited resources but with high technical capability and skill, ICID can work together on some of these problems in the regions representing these 22 countries. Many of them, President ICID explained are in the areas of red and purple of FAO/WFP. The linkage between water scarcity and poverty in the 22 countries that are suffering indicates a very strong correlation between them. Rise in demand for water from other sectors means agriculture water use will need to be a lot more efficient.

President Madramootoo continued that many of the National Committees are aware of these messages and several National Committees have taken this to heart. He recalled his visits this year to several National Committees, particularly Spanish National Committee, Chinese National Committee and the Australian National Committee. One could see very significant work in water saving, water efficiency and water improvement in all these countries. Much more is going on elsewhere. Reverting to the question of investment and what that is doing to water infrastructure, President explained that the slowdown of investments, decline of irrigation and expansion is of particular concern. He cited a reference to the Asian Development Bank's Water Week in Manila in parallel. He indicated that ICID, Secretary General and President together provided a document at the request of ADB. PH Keizrul bin Abdullah had represented ICID in presenting that report. The press release that came out from the ADB, demonstrates that the ICID paper has been referenced. We do need to pay attention to irrigation expansion, irrigation modernization particularly in parts of Asia where modernization is of particular importance. As one moves to diversity agriculture production system moving from flood base, raise paddy production system to other crop with lesser demand for water, re-engineering the earlier systems to account for diversification call for innovative approaches.

President Chandra Madramootoo then moved on to his other part of presentation. Taking a lead from his earlier remarks that technology gaps remain in the irrigation and drainage sector, he said that ICID would continue to play a stronger role, particularly in many of the developing countries, transfer and uptake of technology. The applied research that has to be such as to ensure the system of irrigation and drainage are much more efficient and sustainable in the long term together with user's participation in its ownership operation and management. The client demand is very strong. There is no doubt that there has been a weakness identified in the irrigation and drainage sector. The lack of number of highly skilled people at all levels from irrigation technicians, irrigators, farmers all the way through professionals and the decision makers and the policy makers comes foremost. In many cases, one finds a lack in the capacity to understand and provide analytical capability in addressing the concerns in the irrigation and drainage sector.

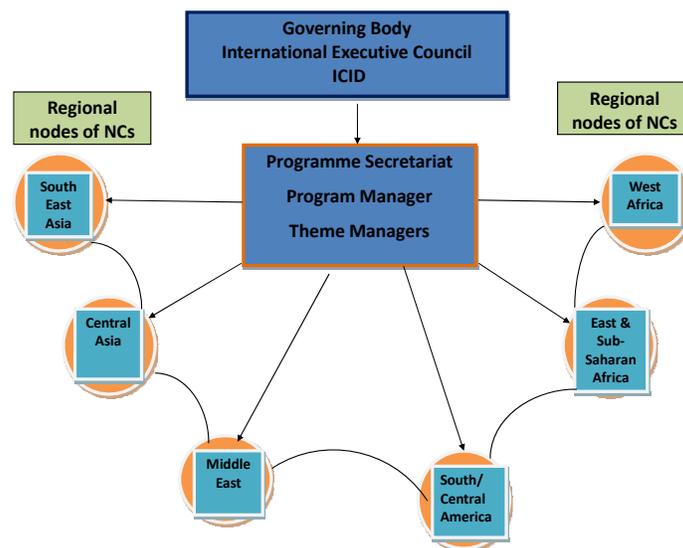
ICID and other external agencies particularly in UN organization and World Bank then recognized the need for technology transfer, applied research in irrigation and drainage. The International Programme for Technology and Research in Irrigation and Drainage was formed in 1990 by these efforts. ICID spearheaded much of that development. President reminded that some of the people who spearheaded that development within ICID were in the assembly. To begin with, in the programme was housed at the World Bank from 1990 to 1997 and later it was transferred to FAO in 1998.

President ICID then moved back to 1990 when ICID took a strong initiative. It existed for nearly 10 years in FAO until 2008. Unfortunately for a variety of reasons, the International Programme for Technology and Research in Irrigation and Drainage (IPTRID) has not found much more favour to be kept within FAO. President Madramootoo indicated that he had meetings with several National Committees to discuss how one could improve and intensity efforts in technology transfer, training capacity building in applied research. Based on these meetings with National Committees and some of the Ministers in a few countries, he found the need for ICID to rebuild its leadership capacity that it once had in 1990 when IPTRID was formed. ICID has to come back with a proposal that is much more rooted in the organization of ICID administered structure or governance, and ICID networks through National Committees. President Madramootoo continued that if one could reenergize this programme with *'best support'* on 'ground' from ICID National Committees and have a bottom up approach in rebuilding this programme rather than *'top down'* donor driven approach, more success is achievable. Because ICID is trying to reach the people on the ground through the members of the National Committees turning to their support would help rebuild the new programme. President ICID then cited the Memorandum of Understanding signed last year with Iran and another to be signed later in IEC with China. President Madramootoo informed that several other National Committees have also indicated interest in rebuilding this network, and cited the document that the Secretary General had circulated to all National Committees, earlier. A draft proposal has been brought out before NCs to consider *'way forward'*. In the document one will see that a new network, fully rooted in ICID, governed and supported by the International Executive Council, is envisaged.

President Madramootoo continued to indicate that IEC has a say in the proposed operation plan and indicate its support. He urged the importance of National Committees support as to the envisaged programme and goals and development. Such process would help to bring in their ideas, help ICID to define the research priorities and to look for the mission with added value. What is crucial for us is to find the additional part on the ground and in the field with whom one can build the programme putting an emphasis or focus that is very different from the previous programme. President Chandra visualized something that is administratively light that which does not seek donor's support, and to build administrative structure (as existed previously at the World Bank or the FAO). President clarified further that he would like the use resources in concerned National Committee that already exist. He added that ICID would like to make use of resources in Central Office and to let the work be done and managed and delivered out in the field by concerned National Committees participating in the programme. The programme secretariat and the Central Office are to play a facilitator role and act as conduits in helping to get the work done in the field. He amplified that the proposal is such as to emerge from a series of regional nodes. He informed that the 'Nodes' are not entirely new as ICID is conversant of this. He quoted as an example Central Asia. He regretted that esteemed colleague VPH Prof. Victor Dukhovny is not in the meeting, because of work demands in Pakistan. VPH Victor Dukhovny had played a tremendous role in building the Central Asian network bringing the 5 countries of Central Asia together in research, technology transfer, training and capacity building. One sees a similar example in the Middle East. We have seen with other countries that work together to support programme in the Middle East and in the Americas and East – West Africa.

Expressing his happiness about the presence of colleagues from ARID as well as SARIA President Chandra went on to indicate that our colleagues from East and West African regions were enthused and had shown great interest to develop and build a foundation to improve and support the ICID interactions with other National Committees of East and West Africa.

Such collaboration with our colleagues adds value and strength. President indicated that it was pleasing that SARIA and ARID help us to take some these networks forward. There are examples of cross country knowledge dissemination, capacity building that will cut cross all over these regional networks. In addition to that there are research teams that would vary dependent on the 'Nodes', in which the National Committee networks operate in the regions. These are not placed in order of priority or colours and not in order of importance but simply so that these are some of the things we have included in the earlier presentation that will be addressed but we would leave the 'Nodes' with the National Committees to develop and decide their own research priorities and the research question. Rather than having research team, manager, leaders with a programme secretariat. President Chandra Madramootoo then recalled the meeting earlier in the week (13 October 2010) with Dr. Pasquale Steduto of FAO and many other senior Office-Bearers and NC Chairs. President ICID said that he was very pleased with when a quite bit of discussion that was far ranging ensued. One witnessed a full room looking at the new proposal.



The shape of the programme format, how one should proceed in the future were points of discussion. The President said that he had the counsel from all, favouring the new proposals and a desire for moving on to next steps formulating agreements. In conclusion, President ICID indicated that FAO and ICID would issue a joint letter on the termination of the existing obligations of FAO / IPTRID which has no staff support any more and little funding.

While terminating IPTRID in its earlier form of existence, an Intensification Programme as envisaged with the ownership and governance entirely in ICID looks to offer brighter prospects. The proposal discussed was that the ICID Management would establish a smaller Advisory Committee to work with the various NCs and develop (i) a work program (ii) develop a functional support structure and (iii) develop regional research networks that will define the shape and format of the program. It has been proposed and agreed between ICID and FAO that FAO would lend us FAO's covering power. As we initiate the work program with the NCs and build the future structure, show 'onground' such programmes with the participation of NCs with own resources, donors would be enthused to step in. Thus instead of a '*top down approach*', which happens when we go to donors begging, it will be '*bottom up*'. Funding is very difficult in today's climate. **President Madramootoo** went on to suggest that we do some internal work ourselves and build some of our own networks, use some of the resources of the NCs to demonstrate that there is a work program. With the help of FAO, their covering power, we can then approach specific donors to seek for '*value added support*'. Thus it is not from basic and fundamental support, but at a higher level of accomplishing the programme, by showing that we have done this much and a little bit of incremental funding can take us further. President indicated that these were the three steps supported by everyone earlier during their pre-Council meeting on Wednesday, 13 October 2010. He was mandated to bring this up in IEC for its consideration. President thereafter sought IEC's concurrence for the new approach indicating his readiness to respond any questions.

President Hon. Peter Lee rose to speak. He indicated that he was the former 'Chair of Consultative Group of IPTRID'. And that he extends his full support to the new approach to the programme. He appreciated that President was in touch with FAO. He would like people stop saying that this is the end of IPTRID rather than the rebirth of IPTRID. A decentralized model that President proposed is exactly the thing that the previous IPTRID would like to see happen. He congratulated President Madramootoo for taking this initiative and assured full support.

President Chandra thanked PH Lee and indicated his pleasure in favour of the new initiative.

In the absence of any further views or comments, President sought the Council to vote by rise of hands in favour of the proposal. The National Committees of South Africa, Australia, Niger, Pakistan, China, Canada, Mali, Turkey, Thailand, Netherlands, Korea, Egypt, Mexico, Uruguay, France and Malaysia supported. There was no abstention or votes against the move. President then acknowledged the unanimous support of the house

Applause....

and indicated that he was excited and buoyed by the tremendous support to the proposal. He felt that this will open a new phase for ICID and our working with the National Committees in the areas of research, technology transfer and capacity building He added that it will enable breaking some new grounds as the few stumbling blocks, faced in the past, will be overcome.

Item 2 : Application of Countries for ICID Membership

Secretary General Gopalakrishnan informed the Council that there was no new application during the preceding year. Hence, the President proposed next item in Agenda for discussions.

Item 3 : Venues for Future Conferences

Reviewing an update as to where we stand at the moment, President informed the Council that next year will be our Congress and 62nd IEC, which will be in Tehran. The 63rd IEC will be at Adelaide, Australia in 2012. The 64th IEC meeting in 2013 is something that has to be decided during the meeting. ICID's 65th IEC and will be held in Korea in 2014, as voted for during last year. There are only a few slots in terms of future IEC meetings.

President added that the IEC has also approved some regional meetings earlier. Potential applicants for other regional and specialty meetings are to be considered in the current IEC meeting. He asked at this point Secretary General to indicate proposals received for 2013 meetings and the future regional and specialty workshops.

Secretary General Gopalakrishnan informed that two NCs have come forward to host 8th Asian Regional Conference coupled with the 64th IEC meetings. Both have provided details and are keen to introduce their offers themselves and describe as to how they would like to go about it.

President Madramootoo then informed the Council the earlier background when last year the Turkish National Committee made a proposal to host the Congress in 2014. Unfortunately, the Turkish offer did not get through with the Council vote in favour of Korea. He indicated that the Turkish National Committee has done quite a bit of work to prepare their proposal. All of us know that Turkey held a very successful World Water Forum, in which ICID participated. He further elaborated that we would like Turkey to participate again and be active. In the Office-Bearers meeting, this was discussed when it emerged that it is important to ask Turkey to make a presentation for hosting 2013 IEC. He then thanked Turkey for their acceptance of our letter of invitation and asked them to say a few words about their proposals for IEC meetings in Turkey in 2013.

Ir. Hasan (TUCID) thanked the President and informed the Council that TUCID wish to organize the 8th Asian Regional Conference and 64th IEC meeting in 2013. Turkey wished to convey the message of their Hon'ble Chairman of TUCID and Director General, General Directorate of State Hydraulic Works (DSI) thanking ICID for its significant contributions to the 5th World Water Forum. TUCID, he said, will be honoured to host the 8th ARC and 64th IEC meeting in Turkey.

Elaborating the Turkish scenario on Agriculture and Industrial sectors, Ir Hasan said that these were the two in mutual relationship, continuously supporting each other. 30% of the Turkish exports depend on the agricultural products. In many European countries, climate and temperature does not change much. In Turkey, a different situation persists. One can see in the inner part of Turkey with only 250 mm annual precipitation whereas for the coastal areas it is 2500 mm annually. There may be floods once in ten years and drought in two or three consecutive years. Because of this, Turkey has many challenges. Floods in several years had been the cause for permanent damages. Floods trigger landslides and damage even big cities. Mountainous areas, susceptible to floods are in east part of Turkey in Mount Area. The height ranges to over 5000 ft. meters from sea level. In the recent past, a big flood occurred, lasted for over 40 days and when over, placed a ship that landed at the top of a mountain. Climbers from Western Europe and USA every year come to climb this mountain. Er. Hasan went on to explain that Turkey has on board other mitigation facilities. A good flood forecasting systems to predict floods is in position now. In the Central part of Turkey where least precipitation occurs with less humidity, much less vegetation persists.

Turkey's annual water budget is 105 billion cubic meter. When one looks at water utilization by sectors, irrigation takes nearly 70%, but in the future efforts to reduce this to 64% by using modern irrigation systems are envisaged. The economically irrigable land in Turkey is 8.5 billion ha. but currently only 6% of this land is equipped with necessary irrigation facilities. The State Hydraulic Works (DSI), the main primary government institution responsible for water resources development of Turkey, also manages TUCID. Turkey has targeted to achieve modern irrigation facilities in all the economic irrigable land. This will reduce the share of irrigation water from 70% to 60%. Currently, the surface irrigation is 18%, sprinkler is 12% and drip irrigation is 3%. Irrigation management in 90% of the land in Turkey which are equipped with irrigation facilities stands transferred to various water users' organizations (PIM). The aim of the irrigation management is to enhance farmers' participation and control / reduce operation and maintenance expenditure by decentralization and power devolution. Land irrigated is increasing ever year, but transferred area for PIM also increases and stand at 96% of the area. Countries like Turkey depend on agriculture for livelihood more than other sectors. International platforms, such as World Water Forum and ICID offer good opportunity to disseminate the state of the art development, technologies and strategies in agricultural sector and overcome various issues in agricultural water management.

Turkey hosted Istanbul Water Forum in February 2009 and plans a second in Istanbul in May 2011. Besides, Turkey organized 5th WWF in 2009 in Istanbul.

Er. Hasan, in conclusion, thanked ICID for the significant contribution to the 5th WWF held in Istanbul in 2009 and felt happy to host ICID's regional conference, if given an opportunity. Turkey is on the joint area of Europe, Asia. Turkish history is rich in terms of water resources, culture and technology. Turkey harbors many civilizations and is like an open air museum. The first civilization in fact stood established in its river basins and is in fact, one of the oldest civilizations (between Euphrates and Tigris). Turkey's combination of contemporary and traditional

civilizations, beautiful landscapes fascinates visitors besides the excellent Turkish cuisine. He thanked the kind support he expects from the Council for hosting 8th Asian Regional Conference and 64th IEC in advance saying that it is time to come to Turkey.

Applause....

President Madramootoo then thanked Er. Hasan and invited Thailand to introduce their proposal.

Er. Chaiwat Prechawit introduced Thailand's offer to host the IEC in 2013. He said that the Planet Earth has been fast to change in many ways. The world with more population requires more supply to satisfy human needs. Modernization allows us to develop more complicated landscape and contribute to the world economy. Countries compete with one another in boosting productivity, cutting their cost and attempts to do more. All these create ecological imbalance and also to adversely impact the climate. It influences world water related issues also.

Thailand knows well that the four major water problems are flooding, water scarcity, poor water quality and inefficient use of water. THAICID believe that it is time that all ICID come and discuss the plans, tools and water development.

Er. Prechawit informed the assembly that THAICID would love to host the 64th IEC and 8th ARC of ICID in Chiang Mai, Thailand under the theme "Water Management in a Changing World" in November 2013. He further amplified that THAICID is in fact one of the 11 countries that co-founded ICID in 1950. It had always been an active member and participated in various working groups. THAICID had hosted the 8th Afro-Asian Regional Conference in 1991 and 4th INWEPF meeting in 2007 and organized many important national symposium and seminar. To offer some example in solving water related problem, THAICID is ready to share with ICID its "Greater Chau Priya Project". This irrigation scheme covers the agricultural and industrial area at the rural community on both side of Chau Priya, the largest and most important river in Thailand. It facilitates in agricultural and industrial activities of Thailand (*in Central parts*). The Greater Chau Priya Project has been the key to Thailand being successful in food security since 1978. Thailand in fact became one of the bigger rice exporters. The Greater Chau Priya Project has many things to entertain the 'inquisite' mind. It is also a perfect example of integrated management. By 2013 the newly adopted concession pattern with respect to climate change will be completed and ready to be shared.

In the second place, we would like to show you are Royal Development Study Centre. This Centre was initiated by His Majesty, The King and is located in Chiang Mai, the province of the venue. The Centre was proposed 30 years ago; an area of 1360 ha piece of land was developed with forest concession. Today, people come to this place in search of the key to water management practices. At this place, five royal initiatives can be studied. After visiting the place you will truly understand how water management has turned around the wastelands. We also have a leading study centre located in this Centre to address environmental, economic and socio-development issues.

For holding these two events (IEC and ARC), THAICID has selected a hotel and international convention centre, which is located closeby to each other. The hotel building provides 375 rooms where stay can be comfortable and one can easily go out to enjoy the city life too. The Conference hall can accommodate 500 people or more and the breakout rooms for small meetings are also equipped with modern equipments. Exhibition booth can be installed in the same building.

Mr. Prechawit said that, Thailand provides all kinds of food suiting different tastes. Some examples are seen the souvenir distributed to the assembly. To ensure a pleasant stay for the guests, the technical visits of this trip will be to the study centre, which is only 34 km away from downtown Chiang Mai. Not only a good example of afforestation by bringing water from outside source, but also an overall water management simulation can be seen. The water management techniques for the upper, middle and lower reach of the river are very illustrative. After 30 years of experimenting and innovating, this Study Centre has been acknowledged as a successful IWRM model. Additionally, what would be shown to delegates include multipurpose Mekong Dam and the water management scheme for Chiang Mai Province.

The Thailand presentation drove home further the outstanding and elegant culture of Chiang Mai, the ancient temples with golden decorations existing since 13th century, exotic cuisine etc. Presentation also highlighted members for well lit boat travel in the night for tourist, lighting of candles and floating of containers and flowers amidst the background of shivering mountain in Chiang Mai. Opportunities for visiting wildlife sanctuary, aquariums and mountain treks were also highlighted besides extended holiday possibilities. Overall, the presentation drove home what Thailand could provide for visitors in case their offer to host the conference is voted in favour.

President Madramootoo thanked Er. Prechaiwit, of the Thailand National Committee. He informed the Council that there are two offers before the Council for the 64th IEC and the 8th ARC in November 2013. One each from Turkey and Thailand. He proposed a secret ballot to select one of the two.

The professionals of Central Office distributed Secret Ballot papers. PH Aly Shady was invited to help the Council in ascertaining the successful offer based on the preferences indicated by the National Committees in the ballots.

At the end of the exercise, President ICID announced that Turkey had been successful in the opportunity of the hosting of 64th IEC and 8th ARC in 2013. He congratulated them on this and hopes that a very successful 2013 event would be organized by them as assured.

Applause

President ICID then asked for a motion to destroy the ballots, which was moved by Canada and seconded by USA. (The ballots were destroyed.)

President ICID went on to thank Thailand for their excellent offer and hoped that they would once again come forward to host a future event given their preparedness.

Applause....

President ICID also invited the National Committees who have proposed to hold future conferences which had already been confirmed in the Council meetings, as listed in the printed agenda. He invited AFEID to say a few words on the 24th European Regional Conference to be held in Orleans, France from 14-16 March 2011.

On behalf of the French National Committee, **Mr. François BRELLE** informed the Council that the event details have already been put forward to the Council earlier and also during the reception already in Yogyakarta. The Conference theme will be "*Managing Underground Water*", which will be in March in Orleans. He looked forward for a rich participation.

President thanked Mr. François BRELLE for giving details and invited the representative from Netherlands about their preparedness of organizing the 25th European Regional Conference in Groningen, The Netherlands. The representative from The Netherlands indicated that the 25th ERC will be held in Groningen, which is a beautiful city in the northern part of The Netherlands, bordering Germany. He indicated that the theme will be "*Integrated Water Management for Multiple land use in flat coastal areas*". He invited all to join the Groningen European Regional Conference next year and indicated that the abstracts can be submitted till December 2010.

Applause....

President thanked The Netherlands representative and invited the representative from Mali to introduce the 3rd African Regional Conference scheduled to be held in September 2011.

Dr. Sangare thanked for the last year's Executive Council decision accepting Mali's proposal for organizing the 3rd African Regional Conference.

The main theme of the conference will be "*Food Security in Africa and climate change: improving the contribution of irrigation*". Malian National Committee has worked with our Ministry of Agriculture to decide the dates of this event, as 12-18 September 2011. During discussions held in different working groups earlier, the possibility of changing the dates was raised as in October, a Congress will be held in Tehran. The proposal was to schedule this conference three months before or after this event. We preferred to decide on a new date. Ministry of Agriculture will approve these dates. I was in the Mali delegation together with Technical Counselor of the Minister who has approved the new dates i.e. 29 November – 5 December 2011.

The main theme of the conference will be "*Food Security in Africa and climate change: Improving the contribution of irrigation*". This theme will be divided in three sub themes. As recommended in group discussions held at the Executive Council meeting, the panel and sub themes were decided before the special session. The first theme is "*The Impacts of climate change on irrigation development in Africa*", the second one is "*Policies and strategies to improve the contribution of irrigation and drainage to food security in Africa in the context of climate change*". The third deals with "*Productivity of water for agriculture and the challenges of climate change*".

Two Panels of Experts will be constituted – the first one on institutional aspects and the second one on the means of financing irrigated agriculture. A session on Basin organizations will be held simultaneously, and particularly West Africa has wide experience in Water management between many countries. Case studies will be developed on poverty eradication as related to development of irrigated agriculture. Participation of 200 delegates is expected - 120 from other countries and 80 at national level. The registration fees will be kept at US \$ 300 for foreigners and US \$ 200 for Malians.

As per our the assessment of the Malian National Committee, the cost of the conference together with that of the 3rd African Exhibition on Irrigation will be around half a million dollars. He indicated that a tentative program has been finalized. Three days will be allocated for the Conference and Two days for study tours to a major hydro agricultural project of West Africa covering a large area, which is one of the major developmental projects to be financed by American Government in Niger.

Mali is an important tourist destination. Lots of people know about Tombouctou city. A post conference tour will be organized for those interested in visiting Tombouctou and the nearest Palace.

Explaining further Dr. Sangare indicated that they are planning to get the ceremony opened by their distinguished Prime Minister; the Minister of Agriculture will be the chairman of the conference. The secretarial services will be provided by the secretariat of Mali National committee and other members of this National Committee as well as those involved in the Water management from various Ministries. The first announcement for call for papers will be available on the conference web site to be installed for this purpose. The first specimen of which is already available. The conference web site will be operational from December this year.

Events are also planned to make a presentation on the African conference. The first meeting will be at Orleans, France. During this meeting and also at the 25th European Regional Conference (Groningen), a session is planned for presentation on the conference. The last presentation will be at Tehran Congress. The last date for call for papers will be June 2011.

The 3rd African Irrigation and Drainage Exhibition will be held in the side lines of this conference by ARID - Regional Association for Irrigation and Drainage - in collaboration with other African networks particularly SARIA - South African Regional Irrigation Association - and INBO for East Africa. This event will include business meetings and will exhibit irrigation equipments and agricultural products.

To mobilize the support, Mali National Committee have identified at regional and international level, a number of organizations as well as a money lender not only for financial support but also for technical support. We have also identified networks such as SARIA and National Committees of other African countries for their support and active participation in the conference. At the national level, various partnerships were identified. In conclusion, Dr. Sangare informed that he hoped to provide one of the best conferences ever held in African Region in December 2011.

President Madramootoo thanked Dr. Adama Sangare and Malian National Committee for the introduction about the African Regional Conference, that stood approved earlier. He then asked Iran to come forward and say a few words about upcoming Congress in October 2011 in Tehran. Iran had already hosted the evening dinner introducing the congress preparedness in its entirety. Since the members were aware of them, President thanked them very much and moved forward.

Applause....

President Chandra Madramootoo invited a representative from Australia to introduce the 63rd IEC in Adelaide and the regional conference. Vice President Willem Vlotman rose up. He indicated that Australia had hosted an event in the evening prior to IEC when a complete introduction of the event proposed in Adelaide was made and looked for providing clarifications, if needed. In the absence of any questions, President moved on and invited a representative from South Korea to speak on the 22nd Congress scheduled in their country. The representative indicated that they would do so next year after developing some more details. President Chandra also indicated that there are two more announcement one each on 11th and 12th International Drainage Workshop (IDW) to be held in Cairo and the other in St. Petersburg. He invited Egypt and Russia to indicate to the Council their preparedness.

Vice President Hon. Mohd. Amer thanked President and said that Working Group on Drainage had been organising series of International Drainage Workshops and the first was held in Cairo in 1996. Egyptian National

Committee on Irrigation and Drainage (ENCID) will host the 11th IDW in the year 2012 in Cairo as approved by the Council. Egypt is a country that links African and Asian continents. As it is well-known, agricultural land irrigated by River Nile in their country has a well evolved drainage system, which is reused. One of the main constraints of agricultural production is the rise in the water table causing waterlogging and salinisation. Drainage problem is being addressed by the Govt. of Egypt by launching a special drainage programme to ensure that the entire agricultural land is provided with complete drainage system consisting of sub-surface drainage, bio-drainage and open drainage pumping stations. By the year 2015 all the agricultural land area of Egypt would be covered. Egypt has a long experience since 1966 on this on-going programme on extending drainage facilities. A number of efficient institutions support this programme in the field of research implementation and training. Egypt has three main institutions, first the Drainage Research Institute, which is a unique one in the country of Middle East. The research work of drainage is implemented by Egypt Authority for Drainage Project, which is a formal one authority in parallel to the Irrigation Authority within the Ministry of Water Resources. ENCID would be pleased to invite scientists, engineers, professionals and also those who are engaged in the water management from all member countries to this drainage workshop. A sincere welcome awaits the delegates as usual, concluded Dr. Amer.

President Chandra Madramootoo thanked Dr. Amer profusely and invited a representative from the Russian National Committee to introduce the 12th International Drainage Workshop.

Dr. (Mrs.) Irena G. Bondarik from Russia said that the 12th IDW will be held during 2014 in St. Petersburg, the cultural capital of Russia. She went on to say that St. Petersburg is the city on “*drained land*”. Thus the selection of the venue of the Workshop in the city of the 17th century on the low coastal land adjoining the sea could be best appreciated. Dr. Irena elaborated that the RUCID intends to organize technical trips to certain unique drainage systems - of two distinct types. She indicated that they have an agreement with the Government to host the workshop and extended an invitation to all members to join.

Applause....

President Madramootoo thanked RUCID and moved on to the next item of the agenda.

Item 4 : Broadbasing of ICID Membership

Taking up this important agenda item, President informed the Council that the background paper highlighting the principle for broadbasing of ICID membership prepared by PFC Chair, VPH Saeed Nairizi was sent to all the National Committees / Committee of ICID on 7 April 2010. He informed the Council that a few National Committees have commented their views and suggesting some fresh views. President Chandra informed the Council that this was discussed fully in the PFC meeting when a few National Committees also participated through their representatives as Observers. He indicated that the Management Board discussed the matter separately in addition. He then asked the PFC Chair, Dr. Nairizi to place the proposal as formulated and subsequent discussion in MB / PFC before the Council.

VPH Nairizi, the PFC Chair, then explained the crucial elements in the broadbasing proposal. He brought out the advantages of the new initiative. The proposed broadbasing can help better communication system within ICID by expanding its reach and also supporting its publication activities. He indicated that the private membership by industries and others could help strengthen the ICID finances. He went on to indicate that in some cases these groups can support participation of countries weak members, who are unable to join ICID due to lack of financial backing. The advantages of broadbasing ICID membership has been circulated in a document sent to National Committees and discussed fully in the earlier pre-Council meetings in some working groups. He reiterated the many advantages of such membership for ICID and solicited the views of the members of the Council.

President Madramootoo informed the Council that they have a proposal before them which takes ICID a step further in moving towards the decisions made earlier in IEC besides other pre-Council meetings held in Yogyakarta. During IEC meetings in Delhi last year, it was agreed that broadbasing of membership of ICID should be pursued further. He amplified that ICID's existing Constitution was fully taken into account while addressing the new measures. The new proposals for broadbasing enshrines that the National Committees are the heart and the soul; the decision making powers vested in them in running IEC and making decisions would stay as such. As how to bring additional corporate members into ICID fold through different means like financial sponsorship by providing them with certain benefits is the real issue. He then advanced the proposals to the Council by opening the floor. He reminded that there were already some discussions on this subject on Monday when he placed this matter before the National Committees in a meeting held with the NC chairs, exclusively. He appreciated several viewpoints that

came up during that meeting, besides PFC. President Madramootoo said that we have to proceed further and take on board additional viewpoints. These could also incorporate fuller discussions in the house, to follow.

VPH Felix Reinders spoke on behalf of the South African National Committee on Irrigation and Drainage (SANCID). He touched upon the experiences in South Africa. They have an organization called South African Irrigation Institute. It was about 13 years ago when they had to resort to broadbasing. This effort yielded a membership of about 450 members, individuals who pay subscription. Of course, a few non-payers also participated. The principle lying behind the membership was gone through and South Africa has to increase its membership ambit and this resulted in 'patron members' or 'company members'. A lot of debate went around before the final decision. South Africa is not looking behind. He stressed the need to develop proper guidelines in developing a structure which ensures no voting possibilities for companies and leaving corporate members with voting powers to National Committees at all points of time.

Broadbasing in South Arica enabled them to start their own '*broadbased*' magazine, published technically including other interesting information. There is a very strong input from company members in terms of sponsorship for the magazine. Exhibition at a discounted level etc. brings them to come immediately and exhibit. The broadbasing brought in a new relationship totally.

VPH Reinders further went on to say as to how broadbasing will work on international basis is a point that we should explore. His own thinking was to make sure as to how to deal with the new members. In South Africa there were five international companies. They all have vested interest in their countries as well. He hoped that the majority will support ICID just as it happened in South Africa. But one should ensure that their coming to ICID is not at the cost of their presence in their own country and their present roles in their NCs. He felt that one could strike a structure in a way that binds them to stay within the National Committee while joining main ICID membership. He felt that broadbasing is a desirable way forward.

VPH Reinders while concluding extended his country support for the broadbasing proposals. This of course should be looked into to protect the National Committee's interest and the role of both payers' and non-payers. He wondered that some who do not pay sit in the Council and vote which might not be right, as they are not paying.

President ICID thanked South Africa and gave the floor to Vice President Hon. Stephens, USA.

Thanking the President, **VPH Stephens** informed of the situation in USCID was more or less similar in as much as they do have a number of corporate members. He felt that many of them would probably not be interested in joining ICID. He cited some large companies may still not join just as the one who sat next door at the exhibit, for example. He however felt that the National Committees programmes, membership in USCID should stand protected because they rely very much on this corporate membership which is an important form and core for their revenue.

President ICID then invited Australia who came forward to speak.

Mr Chris Bennett, Chief Executive Officer, Irrigation Australia Limited (IAL) – intervening on behalf of ANCID indicated that all the opinion that broadbasing provides an opportunity with merits in the sense that in a way, it is the ICID's future. Even more than its future, he added that it is looking more. Had one not done so for being more effective, and more income is generated to include additional activities one could face problems. Broadbasing has helped his National Committee and enabled them to start and undertake many extra activities that all desire as an organization to do. He felt this part has a lot more important than perceived and realized initially.

He agreed that the proposals have significant implication potential for the National Committees; one should think about it more closely and look whether ICID benefits from the extra membership, potential effectiveness to the NCs not only in terms of funding, but also in terms of support that those corporate members bring to the NCs, by caring.

Australia is of course as a case in point; one finds corporate members in Irrigation Australia, the home for NC of ICID. It derives diverse support from all members sometimes similar and ensures no reduction of the effectiveness of the NCs by giving space to the other members from private or industry.

Mr. Bennett however realized the problems perceived by some NCs and the need to make sure that something is done to develop this new proposal well; broad basing that makes ICID more effective, more attractive and lead to enhance the cooperation within their own countries between all memberships and also outside their NCs can be possible. In turn, ICID benefits by having more robust NC and of course more income, coming from them through their other constituencies. He went on further to touch upon the point President Chandra indicated namely, an

opportunity provided by broadbasing that also include farmers' associations and similar agencies. In Australia, they have very large farmer associations; they involve them with various commodities. There is one called Citrus Organization another for Apple and yet another for Pears etc. All these organizations are very strong in their own and have very great interest in irrigation and drainage. It is a grower of these organizations who automatically benefit by broadbasing. And once we try this new approach through the activities of ICID and extend benefits, there is an immense opportunity to have on board these organizations involved in the production - at least indirectly through the National Committees. He amplified that Australia is a very good example of where we are. He informed that they do have a much more cordial relationship with those organizations. He went on to indicate that like ICID, "Irrigation Australia" activity is automatically for the benefits of its growers. Many things that ICID does and would undertake should be such as to assist NCs, particularly those who have trouble in paying ICID membership and then obviously the corporate member through their National Committee could assist greatly in rendering support.

He acknowledged that the opportunity of discussions can also give rise to a number of important questions that he thinks should be well thought of before ICID finally decides as to how to go about on the broadbasing issues that might emerge. There could be some conflict at times between NCs and the corporate: there could be a bias, depending on the country situation like poverty focus. There could be different opinions with regard to objectives for agricultural production. There could also be potential conflict with regard to nominations within ICID for various positions. One need to make sure that the invitation for the participation is well defined in the Constitution to make sure that the voting rights continues with the National Committees. We could look into possible conflict areas in the market situation by careful reading and consider future approach. He felt that it is indeed a very complex issue and would have very important implications and hence would suggest that a Task Force be set up to further study and prepare a detailed discussion paper covering these points for future meetings before going further.

President ICID thanked Mr. Chris Bennett and invited Mr. Yohei Sato, Japan to provide his views acknowledging his desire to intervene.

Mr. Sato informed the Council that Japan fully supported the proposal of ANCID and seconded the idea for setting up the Task Force in order to discuss further.

President then invited ICID.UK who wanted to give comments.

Dr. Ragab Ragab, Chairman, ICID.UK indicated that he fully supported the proposal to form a Committee to look into the issue and implications. He recalled his earlier meeting with the President when he clarified the implications on the NC on its performance and finances. This is an indicative effect on the ICID.UK because corporate members, he said, actually support them financially, quite a lot. His fear was losing them which could affect their ability to pay subscription to the Central Office. He felt that there could be some NCs who do not accept corporate members and in such cases, there could be no issue because corporate members can go direct for their membership to the Central Office in as much as the NCs do not allow corporate membership. He felt that focus should be more on international corporate. International companies like Shell for example cannot apply through National Committee and could go straight to Central Office, but there is yet another point. We should take into account that ICID is a charitable organization, a '*not for profit making*' NGO. He was worried about the status change, where the Indian Govt. will start actually charging ICID Income-tax etc. The benefit might then simply be not there anymore, because of the change of ICID status and taxes to be paid to the Indian Govt. He felt that this aspect should be looked into by the Committee.

Going further, Dr. Ragab said that to have corporate members who are with the National Committees as well as ICID would be seeking two membership subscriptions, one to the National Committee and the other to ICID and this could be a problem. The National Committees, as President pointed out, shall have right of voting and at the same time corporate members not. It would be so because that is how ICID has been structured – based on countries and not based on corporate members. Hence Dr. Ragab felt that a lot of issues would have to be taken on board when one moves to the areas of involving companies. He would like the focus only to international companies rather than the nationals. Let the nationals join ICID through respective National Committees, he concluded.

President ICID thanked Dr. Ragab and invited VPH Mark Svendsen, who rose up to comment.

Vice President Hon. Mark Svendsen appreciated Dr. Ragab's comments. He preferred to agree with the Australian proposal that a group be formed to give a closer look to the fairly complex issue. One has to look a little bit closer as apparently there is a mixing of issues. One relates to "broadbasing the National Committees" while the other is on "broadbasing of ICID". The rationale given is a kind of mixture. He would like issues to be separated. He

felt that we can all agree with the broadbasing of NCs. In general, it means strengthening NCs – a good deal. He felt that the case of broadbasing ICID is different and should not be entangled with that of “broadbasing of NCs”.

President Madramootoo thanked VPH Svendsen and before closing the discussions sought further comments, if any.

Vice President Willem Vlotman rose to point out that in the PCSPOA (*now renamed as PCSO*) too, there were some discussions on this topic based on an agenda item on this. As one could see from the suggestions on item 16.3, as per minutes, the discussions in the Permanent Committee were related to separate the “international broadbasing” from the “national broadbasing”. As seen from the minutes, the membership of international organization and manufacturers, it was recommended that a detailed analysis should be carried out highlighting the benefits for the new membership and how it fits into our overall interest etc. Also an external market analysis. The recommendations of the PCSO was to work out direct ICID membership possibilities for those international organizations, private companies and manufacturers who are not in a position to obtain membership through a National Committee. The key lies here in their own. One should bring them by provisions for broadbasing in ICID, if those organizations cannot get into a particular National Committee. However, if there is a National Committee which allows a private organization to be a member with them, then they should stay with them.

President Madramootoo thanked VP Vlotman and brought the discussions on the agenda item on “Broadbasing” to conclusions. Reflecting the sentiments of the house, he said that there is a clear indication for a Task Force to work further on the recommendations. He took note of the key points that had come up like

1. keeping the NCs as the root of the IEC;
2. separate out sponsorship between international companies, those, who already support NCs and those who are not, but interested in ICID membership;
3. the question about the market analysis and
4. potential financial implications – legal / tax obligations and
5. Differentiating between “broadbasing NCs” and “broadbasing ICID”, in general.

President Madramootoo concluded that keeping these parameters in mind, the Management Board will set up a small Task Force that would study this further and get back to IEC with very specific recommendations within the framework. He thanked VPH Saeed Nairizi for presenting his report on the subject and thanked National Committees, who offered comments.

Item 5 : Conduct of ICID Business – WG Meetings and Web Conferencing

The President took up the next item on the introduction of e-conferencing as an option for workbody meetings and using Web 2.0 in general.

He then invited **VP Willem Vlotman** who desired to demonstrate by going online, as to what exactly the proposal meant, for the general benefit of the assembly.

Accessing web that was enabled, VP Vlotman gave a demo illustrating the options available for web conferencing. The main advantage of the process is cutting the time lost when a member of the workbody is not in a position to attend personally a particular meeting scheduled for the conduct of business.

On conclusion of the demo and explanation that went along with it, the President sought any comments from the floor. He cited that the views of the NCs which had responded to the circular sent by the Central Office are already annexed to the Agenda and is there before all, for perusal.

In the absence of any particular additional views, President took note of the varied information that has come in written responses attached in the agenda; he left the process to catch up steadily in the years to come.

Concluding discussions on the item, President moved on to the next that deal with the preparation of ICID inputs to WWF6 in Marseille, France in 2012.

Item 6 : Preparation for ICID Inputs to WWF-6, Marseille, France, 2012

Referring to the preparations to provide ICID inputs to forthcoming WWF6 in Marseille in 2012, **President Madramootoo** acknowledged PH Bart Schultz for agreeing to his invitation and provides leadership. He thanked the French National Committee representatives who participated in the Kick-Off meeting of WWC held in Marseille in June 2010 and provided some feedback. He also referred to the Special Session of FAO during IEC, who have taken the lead as one of the World Water Council's Governors to work on "Water for Agriculture". Their strong desire to work with ICID deserves appreciation.

President ICID requested the National Committees for comments and suggestions during the process of working towards providing inputs for the Forum 6. He suggested that this could be directed to PH Bart Schultz who is going to work with the SG Gopalakrishnan and Central Office, besides various workbodies. There has been an agreement to gather as many inputs as possible from various workbodies. He requested PH Schultz to add any comments that he would like to make, at this juncture. PH Bart thanked the President and indicated that the Synthesis Report on the previous Forum has been circulated and is on the table. Our aim is to obtain something similar by working with all the National Committees and Workbodies Chairs.

The President thanked PH Bart once again and proceeded to next item.

Applause....

Item 7 : Selection of a new Secretary General

President indicated that a Search Committee has been set up under the chairmanship of PH Keizrul bin Abdullah who is also attending the Council meeting. This Committee is already engaged in finding a new Secretary General. The nominee will replace Secretary General Gopalakrishnan who had served ICID two times and a bit more. He had helped us through these years and ICID benefited from his wisdom and inputs.

President ICID indicated that the plan before the Committee will be to screen the applicants, do a shortlist, interview shortlisted candidates and come up with the recommendations to the President in the coming months. President indicated that he then intends to meet personally the recommended candidate (or candidates), to make a final decision. President hoped to conclude all these, early next year. He indicated that Secretary General Gopalakrishnan would continue given the necessity during a period of transition; also as we head into our next congress, where his inputs to organize the Congress and IEC will have added value. He said that ICID would thus count on to the support of SG Gopalakrishnan a little more. Elaborating that the support of SG to work with the new nominee and bring him by acquainting up with the functioning of the Central Office is important. He informed the Council that it would have yet another opportunity to thank Secretary General Gopalakrishnan formally in Iran.

Applause....

President then moved on to item 8 of Secretary General Reports. He informed the Council that Secretary General Report is seen in pages 4-8 of the printed agenda. And as one could see the SG and Central Office were working hard. He informed the Council that since the report is circulated in time, it can be taken as read; and, if one or two key points that any member would wish to bring out or ask, they can be taken up. He asked SG as to whether he intends to say a few words before taking on the questions.

Item 8 : Secretary General's Report

Secretary General Gopalakrishnan thanked profusely the President for all the faith placed in him and the Central Office by the Council. He expressed deep gratitude for the appreciation and said that only a few things which came up after the printed agenda would be briefed by him for the Council, right now. He mentioned about the Annual Report which was prepared subsequently after printed agenda's circulation. He indicated that a draft book reflecting the proposed outcome of the Working Group on SDTA has also been brought out. It almost looks like a final work though some more would be done to refine its contents and getup. He added that a Special Report has also been brought out on Least Developed Countries in Africa by undertaking an exercise similar to that on Asia done earlier. This report is also presented as a draft, though virtually, the final report might also look the same. SG then

mentioned the special efforts made recently in supporting AgWA and to work with an enhanced 'African focus'. He hoped that the report on LDC's of Africa would help as our significant contributions to AgWA.

In conclusion, **Secretary General Gopalakrishnan** indicated that he had done his best that was possible from Central Office. He pointed out that more has been done with less number of persons while at the same time assuring both quality and quantity. And this was, with the least expenditure possible, a matter demonstrated in financial sheets. He looked forward for further suggestions from the Council to improve upon the Central Office efficiency; and in case what has been done was considered to be in order, an appreciation to Central Office.

In the absence of any questions on Secretary General's Report, President asked a motion for approval. China proposed and Egypt seconded. President congratulated Secretary General for his enormous contributions to ICID once again.

Second Session (13:30 – 17:00 hrs)

Item 9 : Report of the Management Board (MB)

President Madramootoo invited Vice President Gany to present the report of the MB very briefly outlining the key points emerging out of the decisions.

Vice President Gany thanked Chairman and said that in as much as a few items like (i) broadbasing of ICID membership, (ii) the new IPTRID initiative, etc. stood covered already in the Council adequately, he would skip discussions on them in MB and inform on all other items discussed.

MB discussed the preparation of ICID's inputs to 6th World Water Forum, Marseille, France and as had been indicated by the Secretary General during the discussions on this agenda item, ICID received an invitation from World Water Forum for strengthening their efforts to deal with the agricultural water needs for the Forum. There was a kick-off meeting in Marseille in June 2010 and another in Shanghai and ICID responded positively by deputing their representatives: French National Committee (AFEID) in the former and Chinese National Committee (CNCID) in the latter case.

ICID had signed a Memorandum of Understanding (MoU) with United Nation's Water Decade Program on Capacity Development (UNW-DPC). He informed that ICID would handle the 'Capacity Building' through the various workbodies in as much as of special working group on this topic ceased to exist. The MB took note of the first workshop that has been planned in Yogyakarta preceding the Council meeting jointly organized by UNW-DPC / FAO / ICID.

MB discussed on the succession plan of PCTA in as much as its Chairman will be completing his tenure by Tehran, and for a smooth transition, nominated VPH Felix B. Reinders. He skipped on the discussions held on the selection of new Secretary General in MB as this has already been covered by the President in an earlier agenda.

He informed about the position of the new workbodies (i) "Sedimentation of Reservoirs" and (ii) "Water for Bio-energy and Food". These will be Task Forces which will work on the topics concerned in the coming few years.

MB discussed the achievements of the Journal. Since the MT-Journal meeting was yet to take place (*at the time when MB meeting took place on Saturday*), financial as well as other related administrative matters were deferred to be considered subsequently.

MB discussed the desirable procedure for publishing ICID position paper or publication. ICID brings out publications from time to time based on the recommendations of different working groups which are normally supplied free of cost as benefit to individual National Committees. They are also supplied for distribution at a nominal price and this yields some revenue for ICID budget. Overall, the progress of bringing out any publications by ICID had proved to be quite beneficial.

MB took note of the evaluation of the 'WatSave Awards' by a Panel of Judges, led by President Hon. Peter Lee, and for 2010, there would be two awards – one for 'Technology' and the other for 'Innovative Water Management'. The current year WatSave Awards are supported partly by Indonesia (\$ 3000) and partly by the China (\$ 3000).

MB discussed about the proposal for issuing a 'Yogyakarta Statement 2010' after the Asian Regional Conference and constituted a Committee under the chairmanship of President, ICID with members comprising of President Hon. Aly Shady, President Hon. Peter Lee, Vice President Hon. Larry Stephens and Vice President Hafied Gany. The Yogyakarta Statement would be presented in the closing ceremony by the Secretary General.

MB also discussed the composition of the Panel of Judges for selecting the Best Performing National Committee, Best Performing Working Group as well as choosing a distinguished Lecturer to deliver an invited talk during the 21st IEC at Tehran.

MB examined closely the nomenclature of 'Congress' is being assigned to 'Micro Irrigation Conference' as of now. It took note of the designating the forthcoming event as 8th Micro Irrigation Congress alongside the 21st ICID Congress. MB felt that the nomenclature 'Congress' is apt for one and only one event in ICID which is the ICID Congress that has been covered in the Constitution and By-laws. Elevating the Micro Irrigation, which is just one of the many sets of topics that ICID handles to that of a parallel Congress, may have to stop, though the forthcoming 8th Micro Irrigation Congress in Tehran would be allowed to proceed since announcements have been made?

MB discussed a few items of ICID representation in IHA in their consultative council meetings, administrative matters of Central Office etc. **VP Gany** concluded his report saying that most of these details are available in the minutes circulated to the IEC members.

President ICID thanked VP Gany for presenting to the Council the report of the MB and invited questions.

PH Bart Schultz commented that MT Journal meeting was held and the minutes were made available. While acknowledging the fact as informed by PH Bart Schultz about MT (Journal)'s meeting prior to IEC, **Secretary General** explained that the MB Report, as out was based on the minutes of the meeting held prior to MT Journal meeting. He assured that the outcome of the MT (Journal) would be suitably incorporated in the management decisions for follow up actions.

In the absence of any further comments, President asked for a motion to be moved for the acceptance of the report. The motion was proposed by Japan and seconded by Iran and supported by many others.

Applause....

Item 10 : Report of the Permanent Committee on Strategy Planning and Organizational Affairs (PCSPOA)

President Madramootoo invited VP Gany to present the report of the PCSPOA as its Chairman.

VP Gany informed the Council that the earlier New Delhi meeting's minutes were confirmed to begin by PCSPOA. On membership, he indicated that three members would retire from PCSPOA on completion of their 4-year tenure, namely, Vice Presidents Hon. Dr. Ing. Eiko Lübbe (Germany), Dr. Karim Shiati (Iran) and Ir. Mohd. Azhari bin Ghazalli (Malaysia). The three new Vice Presidents who will be elected in Yogyakarta will join the Committee as members in their place. For the membership workbodies under PCSPOA, the following membership proposals were recommended for approval by IEC.

- AFRWG - Dr. Samia El-Guindy (Egypt)
 - WG-IDSST - Ms. Kateryna Shatkovska (Ukraine)
 - ST-LCB - Prof. Dr. Tsugihiko Watanabe (Japan)
 - C-CONGR - Dr. Chris Bennett (Australia)
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- WG-YPF - Mr. Fabian Priandani (Indonesia)
 Dr. Yacob Beletse (South Africa)
 Mr. Yaser Barghi (Iran)
 Dr. Katsuyuki Shmizu (Japan)
 Ms Hayati binti Zainal (Malaysia),
- AMRWG - Ing. Agr. Sergio Domingo de Agrela Vaccarezza (Uruguay).

On 'New member countries and membership drive', he informed the Council that there was no new applications for membership. Fiji's and Cameroon's applications for ICID membership were accepted at the New Delhi IEC (2009) and while Fiji paid its subscription to commence its membership, Cameroon's subscription is still awaited. The National Committees of Azerbaijan, Burkina Faso, Chad, Jamaica, Mauritius, Mongolia, Turkmenistan, Sao Tome & Principe and Yemen whose membership applications had been accepted by the IEC in the past are being pursued to pay their first subscription.

He explained to the Council the situation regarding the active and inactive National Committees bring out the details in the agenda explicitly. He informed that several Vice Presidents had reported their efforts to strengthen the regional cooperation and the activities of the National Committees in their jurisdiction. He mentioned that Vice President Vlotman was in correspondence with New Zealand and had been in contact with the Hon'ble Minister of Agriculture.

The Task Forces, the one meant for identifying priority issues for least developed countries in Africa stood close. A final report has been circulated during the meeting which would be uploaded on the ICID website for further dissemination.

The Task Force on 'Financing Water for Agriculture (TF-FIN) had held a workshop on "Development and financing of irrigation schemes" in Yogyakarta. Earlier in its New Delhi workshop on "Developing and financing irrigation schemes", the TF decided to redefine its aims in line with the presentations / background papers discussed during the workshop. The methodology charging water users in different countries will be assembled and a draft on case studies will be presented in future on 'principles and practices of water charging systems in irrigation, cross-country experiences'.

On measures for 'Strengthening and broadbasing of NCs, evolving / revising constitution of NCs', 41 National Committees had adopted a constitution, copies of which have been made available to the Central Office.

VP Gany then moved on to the 'Tenures and activities of workbodies'.

- African Regional Working Group (AFRWG) nominated Dr. Adama Sangare (Mali) as the new Chairman and Mr. Andrew Senewe (South Africa) as the Vice Chairman. The 3rd African Regional Conference is scheduled to be held in Mali in September 2011.
 - European Regional Working Group (ERWG) - VPH Dr. Eiko Lübbe (Germany) who has been the Chairman of the ERWG since 2002, announced his desire to step down from the duties of Chairmanship, and hence was substituted by VP Dr. László G. Hayde (Hungary). The Committee expressed appreciation to VPH Dr. Eiko Lübbe (Germany) for his long term chairmanship of ERWG, and welcomed the new Chairman, VP Dr. László G. Hayde (Hungary).
 - Asian Regional Working Group (ASRWG) - The 6th Asian Regional Conference is being held from 14-16 October 2010 on the theme "Improvement of Irrigation and Drainage Efficiency through Participatory Irrigation Development and Management under the Small Land Holding Conditions." The Australian National Committee will host the 7th Asian Regional Conference on the theme "Regional Cooperation for Water and Food Security" in Adelaide in June 2012 in conjunction with the 63rd IEC meeting approved at New Delhi.
 - Since American Regional Working Group (AMRWG) was unable to organize a workshop during the New Delhi events of ICID it was decided to first consolidate the membership of the WG and then pursue the activities listed in the report. Ing Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay) presented a profile of the water use in Uruguay agriculture. Prof. Lucio Ubertini of Italy presented a report on the three workshops on "Water: A Priority for Latin American Countries" organized for the Italian National Committee of ICID (ITAL-ICID) in cooperation with the Instituto Italo Latino Americano. The National Committees of
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Brazil, Uruguay and Mexico are going to study the possibility to organize the 4th American Regional Conference.

- Moving on to the activities of the new Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST), VP Gany informed that during the 60th IEC meeting held at New Delhi the proposal to rename the 'Special Work Team on Aral Sea Basin (ST-ARAL)' as the 'Working Group on Irrigation and Drainage in States under Social-Economic Transformation (WG-IDSST)' was approved and a new mandate and action plan was asked to be chalked out. The Committee met to discuss this item.
- The tenure of the Special Work Team on Lake Chad Basin (ST-LCB) was extended by two years (up to 2011) to complete its mandate. The ST was to concentrate on the issues brought out in the background paper circulated by Lake Chad Basin Commission and contribute effectively on "Climate Change and Irrigation" with an African focus.
- The Committee on Congresses / Conferences (C-CONGR) had endorsed the topics and subtopics for the 21st Congress as finalized and the General Reporters and Panel of Experts. The Committee also reviewed the preparations for the 3rd African Regional Conference in Mali in September and 24th European Regional Conference to be hosted in Orleans, France in March 2011.
- The Working Group on Young Irrigation Professionals Forum (WG-YPF) at New Delhi noted that the increasing role of importance by young professionals in ICID activities and had recommended that the tenure of the WG may be extended. The declining attendance of young professionals in some IEC meetings could be countered if support and encouragement for young professionals are given to attend ICID events. In Indonesia's 61st IEC Meeting and 6th Asian Regional Conference, the WG-YPF had conducted a one-day seminar on 13 October on the same theme as the 6th ARC. Fourteen papers were presented. WG-YPF has elected its chairperson, Mr. Yaser Barghi from Iran unanimously. Mr. Ir. Fabian Priandani (Indonesia) has been proposed as the new Vice Chairman and Ms. Hayati binti Zainal (Malaysia) as the new Secretary. The earlier Chair, Mr. Ali Reza Salamat (Iran), Vice Chair Dr. Sanjay Belsare (India) had completed 40 years of age.

VPH Hector Malano, Chair, PCTA in his last IEC report to the Council had informed the creation of new three Task Forces, viz. "Sedimentation of Reservoir", "Water for Bio-Energy and Food" and "Compilation of Information on River Basins" and the progress on this will be reported in PCTA proceedings. Prof. Tom Franks, former Chairman of erstwhile WG on Capacity Building, Training and Education (WG-CBTE) helped ICID to prepare a background paper on the topic '*Capacity Development for Irrigation and Drainage: The role for ICID.*'

The workshop organized by UNW-DPC under the 'Framework of Cooperation' between ICID and UNW-DPC also map out the possibilities and follow-up activities on 'Capacity Building' by respective workbodies.

VP Gany then moved on to report on the agenda on 'Strategy for communication and cooperation between ICID and other organizations' (lead international organizations). ICID has been in close cooperation with agencies and organizations like FAO, The World Bank, Asian Development Bank (ADB), African Development Bank (AfDB), World Water Council (WWC) / World Water Forum, Global Water Partnership (GWP), International Fund for Agricultural Development (IFAD), International Commission on Large Dams (ICOLD), World Meteorological Organization (WMO), Third World Centre for Water Management (TWCWM), Asia-Pacific Water Forum (APWF), UN-Water / UNW-DPC, IPTRID, UN World Water Assessment Programme (WWAP), ISO, Global Subsidies Initiative (GSI), etc. ICID continues to host the International Water-related Associations' Liaison Committee (IWALC). He then cited the international workshop on AquaCrop jointly by UNW-DPC-FAO-ICID held on 8-9 October 2010 at Yogyakarta under the 'Framework of Cooperation' between ICID and UNW-DPC, which mirrors the cooperation of ICID with international agencies. He also added as an example IFAD's participation in 6th Asian Regional Conference (ARC) at Yogyakarta. (*Mr. Ganesh Thapa, Regional Economist of Asia and the Pacific Division of IFAD*). A key note speech on "Small-scale irrigation and poverty reduction in Asia" during the 6th ARC was also delivered by Mr. Thapa.

VP Gany concluded the presentation by touching upon the extended reach of ICID covering farmers and other water users in the developed countries who in many cases are members of the National Committees and other Workbodies. He cited Australian example in particular.

One of the key proposals that were presented just at the time of the conclusion of the PCSPOA report was on the nomenclature of the Committee. The Committee recommended to Council their desire to shorten the term Permanent Committee on Strategy Planning and Organizational Affairs (PCSPOA) to Permanent Committee on Strategy and Organization (PCSO) as this is simpler and easier for all to comprehend.

Thanking VP Gany, President opened the floor for discussions.

He added that he would seek the views on shortening the acronym for the Permanent Committee from PCSPOA to PCSO. PH Lee rose up to indicate that his observation on Lake Chad Task Force in which a substitution was required in Yogyakarta instead of New Delhi is needed before printing the report. He felt that simplifying the title of this important Committee deserves sympathy, but unfortunately, he pointed out, that this will call for a change in the By-law that one need to consider as a process. He proposed that while doing this, a large hearted suggestion could be put forth for simplifying – such as calling it as 'Vice President's Committee'. President ICID sought any other comments. In their absence, he proposed that the change in the nomenclature of the Committee can be adopted, dealing with By-law related later. He proposed a motion to agree on this particular aspect before proceeding further on several remarks and corrections on the PCSPOA report. The motion was moved by USA and seconded by Korea and was adopted.

Applause....

President then invited **VP Vlotman** who proposed to offer certain comments to offer on the PCSPOA Chair's report. Dr. Vlotman indicated that item No.4 on Vice President's reports on their "*Efforts to strengthen the Membership*" needs some discussions. He indicated that there are quite a number of NCs listed in the appendix of the agenda on page A-12 who having been admitted had not paid their subscription. He quoted as an example Mauritius admitted in 1992, but never got activated by payment of first subscription. The case of Sao Tome and Principe, admitted as early as in 1985, is similar. He proposed that things are changing in ICID. Our position should also change and Committees that are never activated after admission should not continue to enjoy the privilege of their admittance in ICID fold say beyond 5 years. If required, he suggested that we should decide that they have to reapply. This was discussed, but has not been reflected in the PCSPOA report to the Council. He then referred to Item 15: New Workbodies, particularly on Task Forces which were approved, but nothing has been mentioned in the report.

President asked Secretary General to deal with the comments and provide responses. On the first issue raised by VP Vlotman on membership of those who have not activated by paying subscription one can revisit the present practices. President Chandra informed the Council that this issue can be revisited.

Secretary General explained the outcome of the maiden meeting of the new Task Forces (i) on Water for Bio-Energy and Food (TF-BIO-ENERGY) and (ii) Sedimentation of Reservoirs (TF-SEDIMENTATION). Mr. Laurie Tollefson who took the proceedings of the TF-BIO-ENERGY informed the Council that it was a continuing work initiated by late Dr. Henri Tardieu based on ICID contributions to last World Water Forum. The TF-SEDIMENTATION emerged as a result of Lahore Declaration though the participation was not encouraging. The decision during the meeting was that the TF would concentrate on watershed management, step to avoid sediment deposition; Sedimentation rate analysis; Management of sediment through Regulation, Support interventions, Viable Desilting Innovations. Secretary General Gopalakrishnan briefed that both the TFs are evolving and looking forward for Council's approval for their functioning.

Continuing discussions on the report, VP Laszlo suggested additional corrections in the minutes of the PCSPOA. He amplified his efforts to activated Uganda, Bulgaria, Malawi in addition to those indicated in the PCSPOA minutes. He cited that he has some actions initiated in respect of Armenia and Georgia also and hoped to activate them soon.

President Madramootoo thanked PCSPOA Chair, VP Gany for presenting the report and all the discussants for their comments. The report was moved for adoption and was unanimously accepted.

Applause....

Signing of Memorandum of Understanding

President Madramootoo then took up signing of MoUs between ICID and the Chinese National Committee on Irrigation and Drainage (CNCID). Providing a brief as a prelude, President Madramootoo elaborated his discussions with the Chinese Minister of Water Resources during his visit to Beijing in May 2010. A MoU would enable ICID and CNCID working together to establish this. The MoU contents would be highlighting, a few key points such as –

- the pressing needs to ensure global food security by increasing the present levels of food production;
- the important role of research and technology development towards this global goal;
- the need for capacity building at all levels in efficient water management;
- ICID being the largest NGO in Irrigation and Drainage covering 110 countries, its organizational strength of ICID with its well established widespread network of National Committees created over the past six decades and with contributions from specialized workbodies; and
- the Chinese rich traditional knowledge coupled with modern advances in irrigation and drainage technologies in China in its different institutes of advanced learning

The Chinese National Committee on Irrigation and Drainage (CNCID) would undertake to set up a Research and Training Centre in Beijing for an ICID International Programme for Research in Irrigation and Drainage and work with ICID.

The MoU was later signed at Yogyakarta and dated 15 October 2010 by the parties before the IEC (**Annex 2**).

Applause....

The President ICID then invited the President of AFEID, Mr. François BRELLE; President of ARID Moussa Amadou and informed that the three organizations ICID, AFEID and ARID will work together by a new MoU in promoting several activities and primarily to begin with focus on the Conference in next year in Mali with its study tour. Participants from ARID will be facilitated to attend the 24th European Regional Conference proposed to be held in Orleans, France in March 2011. The coverage of wide range of activities with study tours and conferences are embedded in the MoU with ICID acting as facilitator support by French National Committee and ARID (*an agreement was signed by the Presidents of ICID, AFEID and ARID (Annex 3)*).

Applause....

Item 11 : Report of the Permanent Committee for Technical Activities (PCTA)

Vice President Hon. Mr. Felix Reinders presented highlights of the key items pertaining to the Working Groups and Task Forces as well as some key recommendations of PCTA requiring approval by the Council. As an introduction he mentioned that there are 20 committees within PCTA and with a total of 185 members that attended the different meetings with 3 hours per meeting.

A total of 555 hours has been spent on an excellent work that has transpired and captured in the different minutes of the work body meetings.

Starting with new membership of the PCTA, he informed Council of the acceptance of the nomination of VPH Dr. Mark Svendsen (USA).

VPH Reinders then reported on the nominations for membership and key activities of the various work bodies under PCTA, categorized under the four Strategy Themes.

For the different committees of PCTA, 5 new Chairman, 2 new Vice Chairman, 4 new Secretaries and 24 new Members have been nominated and accepted by the different Working Groups.

The following Chairmen, Vice Chairmen and Secretaries were recommended by Work bodies and approved by the IEC:

Name of Workbody	Chair/ Vice Chair / Secretary
WG-CAFM	Dr. Kamran Emani (Iran), Chairman
WG-ENV	Prof. Sylvain-Roger Perret (France), Vice Chairman Dr. Michael van der Laan (South Africa), Secretary Mr. Clarke Ballard (Australia) Dr. Michael Van der Laan (South Africa)
EB-JOUR	Mr. Bernard Vincent (France), Associate Editor Prof. Daniele de Wrachien (Italy), Associate Editor Mr. Kristoph-Dietrich Kinzli (USA), Associate Editor
WG-DRG	Mr. Mali Tonismae (Estonia)
WG-DROUGHT	Mr. Benjamin de León Mojarro (Mexico)
WG-SDTA	Dr. (Ms.) Hsiao-Wen Wang (Chinese Taipei)
WG-TRUE	Dr. Moch Basuki Hadimuljono (Indonesia)
WG-MIS	Mr. Ian Moorhouse (Australia)
WG-CLIMATE	Dr. Roestam Sjarief (Indonesia) Dr. Juan A. Rodriguez-Diaz (Spain)
WG-PQW	Dr. Leon van Rensburg (South Africa)
WG-ON_FARM	Mr. François Chrétien (Canada) Mr. Jeremy Cape (Australia)
WG-WATS	Dr. Mohamed Hassan Amer (Egypt), Chairman Dr. Juan Antonio Rodriguez-Diaz (Spain), Secretary
WG-CROP	Dr. K. Yella Reddy (India), Secretary Dr. koji Inosako (Japan)
WG-POVERTY	Mr. Peter Lee (U.K.), Chairman Mrs Mary Jean Gabriel (South Africa), Secretary Mr. Moussa Amadou (Niger) Ms Mary Jean Gabriel (South Africa) Dr. Alain Vidal (CPWF as Permanent Observer)
TF-FIN	Dr. Sylvain Roger Perret (France) Dr. Brian Davidson (Australia)
TF-BIO-ENERGY	Mr. Laurie C. Tollefson (Canada), Chairman Mr. Helvecio M. Saturnino (Brazil) Mr. Sanjay Belsare (India)
TF-WWF6	Dr. Bart Schultz (The Netherlands), Chairman Dr. F. Brelle (France), Vice Chairman Mr. Aly M. Shady (Canada) Dr. Mark Svendsen (USA) Dr. Willem F. Vlotman (Australia) Mr. Felix B. Reinders (South Africa) Er. M. Gopalakrishnan, Secretary General, ICID Dr. S.A. Kulkarni, Executive Secretary, ICID
TF-SEDIMENTATION	Mr. Hazrat Umar (Pakistan), Chairman Mr. David Meigh (UK) Mr. Drawin Lubis (Indonesia) Mr. Iman Ramdhani (Indonesia) Mr. Syed Mansoob Ali Zaidi (Pakistan) Mr. Reynaldo L. Baloloy (Philippines)

Under **Strategy Theme 'Knowledge'** the following were reported to the Council by VPH Felix Reinders:

Committee on Public Relations and Publications (C-PR&P): The primary focus of the Committee is to review ICID communications including the Newsletter and to improve the website.

ICID Journal Editorial Board (EB-JOUR): There was a continued strong growth in submitted publications. The Journal's got a significant improvement in the impact factor moving from earlier 0.48 to 1.108. No special issue will be published in 2010 but it is envisaged that one or more in will be published in 2011. The Best paper will be announced later in this meeting by the Editor himself for Council's notice.

Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST): it is recommendation that NCs must establish committees on History of Irrigation, drainage and flood control.

The WG also proposed to organise a conference on "Historical Water Sustainability: Lessons learned" with support from UNESCO and possibly International Water History Association. WG advised to update their website.

Working Group on Technology and Research Uptake and Exchange (WG-TRUE): The WG reviewed its activity plan and also envisaged to update their website Mr. Reinders also reported that the WG participated in discussions about revamping IPTRID.

Under **Strategy Theme 'Systems'**, VPH Reinders informed the Council the following:

Working Group on Modernization of Irrigation Services (WG-MIS): A Workshop was held at Yogyakarta that included 4 presentations. The WG also proposed a Special Session on Modernisation of Water Management Schemes at Tehran – possibly in collaboration with the FAO.

Working Group on Water Saving for Agriculture (WG-WATS): The WG has addressed the amount of WatSave Awards and travel grants. The WG recommends that the Farmer award be continued. WatSave awards should be restored to US\$2,000 and no travel grant needs to be included. The WG also asked that the rule regarding nominations be corrected to say "The national committee/committee to nominate only one nominee per category."

WG on Drainage (WG-DRG): VPH Reinders informed the Council that the 11th International Drainage Workshop will be held in Cairo during 2012 and the 12th will be held in St. Petersburg during 2014. The WG has also established the '*LinkedIn*'; he said that all the Agricultural Drainage Group members were encouraged to join this web net group.

Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY): The WG held a very successful workshop during the Yogyakarta WG meeting and the WG plans to develop an ICID Concept Paper on Poverty alleviation by the Tehran meeting. The meetings attention was also drawn to the fact that the WG plans to complete its work by 2013.

Task Force on Financing Water for Agriculture (TF-FIN): The TF reported that only four members of the TF have participated in the organized workshop in Yogyakarta and that other members will be requested to submit their contributions by the end of January 2011. No decision was taken regarding conversion to a Working Group, pending enhanced membership to the TF members and their participation in the TF activities.

The TF plans to organize Workshops during the Tehran and Adelaide IEC meetings. The TF activities and the continuation are conditional to the following actions: (1). At least three out of four other member countries must submit papers by the end of January 2011 and (2). A framework on a country case study must be submitted by the end of March 2011. The TF will conclude their activities in Tehran in 2011 if these conditions are not met. The TF suggested that the TF will conclude in Tehran unless 3 out of 4 outstanding papers are received.

Under **Strategy Theme `Basin`** VPH Reinders reported the following:

Working Group on Water Management in Water Stressed Regions (WG-DROUGHT): The progress on the proposed publication "Irrigation under Drought and Water Scarcity" was reviewed and that Theme leaders for three topics were selected.

Working Group on Sustainable Development of Tidal Areas (WG-SDTA): The WG is planning a special publication at the end of 2010, followed by a special issue of the ICID Journal in 2011. Financial support has been arranged for the publication. VPH Reinders reported that the WG wishes to reformulate a new mandate for an additional six year term. PCTA recommended the extension to IEC for approval.

Working Group on Environment (WG-ENV): The WG is being re-organized and the WG need more active membership. The WG organized a Workshop on "Nutrient Leaching from Agricultural Soils", held in Yogyakarta on 12 October and seven presentations were made during the Workshop.

Working Group on Comprehensive Approaches to Flood Management (WG-CAFM): A presentation on the recent floods in Pakistan was made by Mr. Husnain Ahmad. The WG requested that a Workshop on the Pakistan Floods in 2010 be organized in Pakistan within the next four months. PCTA recommends approval to IEC. Presentations on floods and flood management in Indonesia and USA were made by Ms. Fransisca Mulyantari and Mr. Maurice Roos, respectively.

The WG proposes to hold a Workshop on "Value Engineering: its Applications in Irrigation and Drainage" during the Tehran Congress. PCTA recommends approval of the Workshop to IEC. PH Bart Schultz recommended that the WG add flood safety issues to their mandate.

Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE): The WG has offered to support the Climate Change Symposium to be held during the Tehran Congress. VPH Reinders also reported that the WG proposes to convene a one day session during the 2012 World Water Week. PCTA recommends approval to IEC.

The WG requests a three year extension of their Mandate. PCTA recommends approval to IEC.

Under **Strategy Theme `On-Farm`** VPH Reinders reported to the Council the WG activities as beneath:

Working Group on Water and Crops (WG-CROP): The WG held a successful Workshop on "Water Savings Practices in Agriculture" during the Yogyakarta Meeting. The WG proposes to hold a one-day Workshop on Management of Agriculture under Climate Change during the Tehran Congress. It was suggested that the WG consider organizing this Workshop with the Workshop proposed by ICARDA. PCTA recommends approval to IEC.

Working Group on Use of Poor Quality Water for Irrigation (WG-PQW): VPH Reinders reported that during the past year the WG has met with, and is cooperating with WHO and UNEP. The WG meeting in Yogyakarta included three presentations dealing with poor quality water. The WG requests approval for a Workshop on Water Quality and Irrigation during the Adelaide IEC Meeting in 2012. A final decision will however be taken during the Tehran Meeting.

Working Group On Farm (WG-ON-FARM): The work group reviewed their WG activities. The datasheet on Sprinkler and Micro Irrigated areas has been compiled by the ICID Central Office after a survey and all the National Committees are requested to review the datasheet and provide updates and corrections.

A successful Workshop on "The New Hose Reel Machines for the Reduction of Economic Water and Energy Costs" was held on 3 June 2010 at the University of Florence, Italy. The objective of the workshop was to know the latest developments in the Italian irrigation technology with a special focus on the new hose reel sprinkler irrigation machines. The workshop was organized by the Italian National Committee (ITAL-ICID) in collaboration with the Association of Manufacturers of Irrigation Machines (AMIS) of Italy and the WG together with the Council expressed their appreciation to ITAL-ICID.

VPH Reinders also mentioned that three presentations were made during the Yogyakarta meeting of the WG and that the WG will be an active participant in the 8th International Micro Irrigation Congress will be held in Tehran on 18-19 October 2011.

Task Forces (TF)

VPH Reinders mentioned that a new **Task Force to Guide ICID Inputs to World Water Forum 6 (TF-WWF6)** has been established. Dr. Bart Schultz is the new chairman of the Task Force and the proposed Membership of the TF is Prof. Dr. Bart Schultz, Chair (The Netherlands); Mr. Francois Brelle, Vice Chair (France); Mr. Aly M. Shady (Canada); Dr. Mark Svendsen (USA); Dr. Willem F. Vlotman (Australia); Mr. Felix B. Reinders (South Africa); Secretary General, ICID; and Dr. S.A. Kulkarni, ICID. PCTA recommends approval of the Membership to IEC.

The TF proposes to organize a Workshop in Tehran to develop ICID inputs for WWF6.

Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION): The TF is in formative stage and no action by IEC was needed.

Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY): The TF is in formative stage and no action by IEC was needed.

Regarding **ICID Congresses**, VPH Reinders reported that Dr. Tai Cheol Kim, representing the Korean National Committee, presented the Preliminary Theme and Topics of the 65th IEC and 22nd International Congress on Irrigation and Drainage, Seoul, Korea, 2014 at the PCTA meeting and that the following were proposed:

- Theme** : Water for Food Security and New Partnership
- Question 58** : Policy and Adaptation to Climate Change
- Question 59** : Rural Development through the Irrigation and Drainage Projects
- Special Session** : New Partnership in International Cooperation for Rural Development
- Symposium** : Non-Point Source Pollution and Best Management Practices

Dr. Malano and Dr. Mark Svendsen volunteered to serve on a work team with Dr. Kim to review and assist in preparation of the final Questions and topics.

Regarding the role of **Theme leaders**, VPH Reinders reported that it was discussed at length at the PCTA. Comments from several Committee Members were presented, some supporting the need for Themes and Theme Leaders, other suggesting that the Themes are no longer needed. It was suggested that the Vice Presidents, in their three year term be assigned the responsibility for reviewing the Themes. PCTA recommended that the Secretary General should work with a small team to develop a proposal to be presented to PCTA and IEC in Tehran.

In closure VPH Reinders gave the following quote:

“PCTA WGs succeed not because it is big or because it has been long established but because there are people building it who live it, sleep it, dream it, believe in it and build great future plans for it ...”

After discussions and inputs by various council members, **President Madramootoo** thanked members for their useful comments and invited voting towards acceptance of the PCTA report as presented. It was accepted unanimously.

President Madramootoo thanked **VPH Felix Reinders** for presenting it and he also announced that VPH Reinders will be the new Chairman of PCTA.

Item 12 : Report of the Permanent Finance Committee (PFC)

President invited VPH Saeed Nairizi to present the PFC report. **VPH Nairizi** presented the report with the help of PowerPoint Presentation. He indicated that broadly the various aspects covered included membership review, collection of subscription arrears, arrangements for future ICID events with a specific focus on likely yield from the Conference. PFC thereafter discussed the annual accounts. This include the audited account and last year's updated forecast budget and for the current year and approval of next year's anticipated budgetary figures. It also

considered in perspective, the provisions for three subsequent years keeping in view the anticipated revenues and expenditure. PFC also took stock of the action taken on the PFC Internal Review Report.

Elaborating further, he took up the membership of the Committee first. He indicated that 9 members in the Committee including Secretary General and there is a scope to enhance this up another 8. There were three nominations: Mr. Bert Toussaint (The Netherlands), Mr. François Brelle (France) and Mr. Chris Bennett (Australia). Of course Mr. Brelle shall replace VPH Alain Vidal from the same country (France). These two nominations were accepted.

Touching upon the subscription status, he indicated that the total anticipated subscription from 64 active member countries was US \$ 234,000. He said that 83% of subscription was received during the year fortunately compared to a figure of 73% in the previous year. He indicated that all the National Committees had positively responded to the accepted 3% rise in subscription and the receipts reflected this 3% rise per annum as agreed to in earlier Council meeting. However, countries that have gone into arrears in subscription are also not small. 8 National Committees owe their subscription for the current year, 13 National Committees have gone into arrears for 2 years. Uzbekistan cleared US \$ 3640 that was in arrears. The current arrears sum up to US \$ 86851. 5 countries owe a total of US \$ 32,823 and they could become "*deemed to be inactive*" from 1 January 2011. VPH Nairizi explains that the Council gave them the permission last year and extended their active membership by a year by not applying By-law stipulated for countries becoming inactive for arrears of subscription of 3 years despite this concession. It is seen that no payment has come from these countries. These include Kyrgyz Republic, Macedonia, Morocco, Sri Lanka and Zambia. Countries like Greece, Guyana, Israel, Myanmar, Nigeria, Nigeria, Serbia and Uruguay are also entering into this list of defaulter in subscription of 3 years qualifying to become inactive. After discussions on the PFC, VPH Nairizi said that the Committee felt to extend the concession by one more year for all of them who are getting into the 3 years subscription default. He hoped that with the help of Vice President of the regions, concerned countries can be made active and payment effected.

VPH Nairizi looked for comments at this stage and approval of the Council. However, President Chandra asked him to continue that the discussions can be taken up a little later.

VPH Nairizi indicated the financial arrangements for future events. Presenting in a tabular form, he explained that IEC 2010 (Yogyakarta) 24th European Regional Conference and 25th European Regional Conference (France and The Netherlands), 21st Congress (Iran) were the ones where data was available for review. Details from other events scheduled later Mali 2011, Australia 2012, South Korea 2014 were not available and these countries were requested to provide the information. These countries are participating in the meeting and promised to provide detailed plan of anticipation and assured that none of them would have any problems to go by the provisions of providing the %age of share to ICID.

VPH Nairizi then presented the actual audited accounts for the year 2009-10. He explained the basis for conversion of US Dollar (\$ 1) to Indian Rupees (₹ 45) is followed while budgeting, fortunately we have 47 Indian Rupees per dollar. The total revenue receipts summed up to 25.63 Million Indian Rupees (*a little above anticipated*) and the expenses stood at ₹ 24.18 Million. Thus during last year there was less expenses compared to receipts making the financial situation better. However, there was a current liability of ₹13.89 Million, an increase of normally ₹6 Million. This reflects the dues payable to Govt. of India, which could not be paid as necessary demand notice could not be obtained. This could change the final financial situation as seen now next year, but there is a hope that ICID could seek payment in installments of dues when demand notice come so as to control the deficits. He pointed out that the 3 year rolling average receipts and payments stood at a ratio of 1.77, quite a reasonable figure showing the healthiness in handling ICID financial activities. This rolling average of 1.77 could reduce with the payment of due to Land and Development Office of Govt. of India may be next year.

President ICID thanked VPH Nairizi at this stage and said there is a need to have a motion to approve the audited financial statement and looked for questions or clarifications from the floor. There were no questions, and the motion was moved by Iran and seconded by UK, Korea, Turkey, Thailand, South Africa, Mexico, Italy, Estonia, Finland, Canada, Brazil and Australia.

Thanking the Council for its voting on the audited budget account, President asked VPH Nairizi to further proceed. The forecast budget for the year 2010-11 was then presented by Chairman, PFC. Moving to the receipts forecast budget figure of `24.54 Million last year, he said that this is now about `25.83, a little more than anticipation. On the payment side, the forecast budget figure of `28 Million, the expenses can be `31.8Million, it is because of the deferred payment which may have to be paid during the year to the Govt. of India. He pointed out this payment to

Land and Development Office, Govt. of India budget is `6 Million had brought down the closing 3 year rolling average reserve equivalent to 1.33 instead of 1.77 for the previous year.

President ICID thanked Dr. Nairizi and sought approval of this budget or questions. The motion was moved by Pakistan in favour and seconded by Brazil, UK, Italy, Japan, Niger, Estonia, Finland, France, Australia, Thailand, Indonesia, Turkey, Malaysia and Mexico. Thanking the Council for their approval the President then moved on to budget 2011-12. VPH Nairizi commenced to indicate that these were previous forecasts and normally this is for 3 prospective years that succeed the upcoming year. For 2011-2012, he indicated that receipts investments are `35.35 Million and payment `27.12 Million, showing thus a surplus of `8.23 Million. This is mainly due to the expectation of Tehran Congress. However, projections if carried on one find that the 3 years projection till 2014, a surplus as seen in 2011-12, a deficit in the next year and 2013-14 again a surplus. The 2013-14 surpluses is based on assessment of revision of the rent upwards and considerable as there is a substantial increase in the cost of letting during the past few years. Many works which were getting postponed for want of funds like furnishing are proposed during this year anticipating enhanced revenue. We anticipate that the fluctuation based 2013 that was seen in the past or in congress receipt once in three years would diminish in the long run. He anticipated better situation from 2013 onwards.

President Madramootoo supplemented to indicate that the slide presentation give future projections, which are for information only. The Council need not vote on it, but just can take note of the moving averages in revenue and expenditure in general financial health. He pointed that that we still have no firm idea has yet about the income from rental property on top floor building because this would be subject to negotiations obviously and thus a projection that can be confirmed only later. He further added that as everybody knows there had been no major investment or expenditure in the improvement of the property apart from minor renovations when the present tenant M/s Yes Bank vacates the top floor. We need to make some provisions for restoring the building for further letting, so there will be some investment going back into the building by way of upkeep of the property and bringing it to good look as we are in the prime area of Diplomatic Enclave so there will be some need to spend on the property. He informed the Council that these are for information only unless there are questions on this. He advised VPH Nairizi to continue further. Dr. Nairizi then moved on to cover the proposed paradigm of broadbasing ICID membership. He asked the Council members to recall the Internal Review held in 2007 and PFC recommendations for Broadbasing ICID. This was voted by the Council and he would not go through the details of what was transacted in the past.

Applause.....

PFC Chair Nairizi then proceeded to the concept note prepared on Broadbasing ICID by him. Recounting the PFC transactions on this subject, he said first of all it was circulated for comments by National Committees as decided by the Council in its earlier meetings. Iran supported the move amplifying that private involvement in the field of irrigation can contribute significantly in promoting ICID aims and objectives. The collective and responsible inputs within the ICID bodies, which are lacking their membership, are much desirable.

He recalled the discussions in Management Board preceding 60th IEC that was reported to the Council in the last meeting held in New Delhi. Based on Management Board recommendation, IEC approved the PFC report containing the recommendations of Iran on widening the network by an inclusive process enabling induction of organizations, institutions, manufactures and contractors etc.

PFC Chair explained further that during the preceding year, he worked to activate this decision activated and document circulated to NCs as well as Council members, as a result of this exercise.

He indicated that we realized that there could be some countries who have been very successful in getting support from private associations. He assured that they will certainly continue with that practice. He indicated that PFC encourages other NCs to provide opportunities for all stakeholders to participate in their activities through which ICID can become more stronger and effective. Their participation in ICID event would increase. It will be useful to bring international agencies and private companies to ICID platform. Many of them would be able to have their exhibition and even collectively their own workbodies. They could benefit from the concession of ICID publications.

VPH Nairizi informed that as reflected in the report on Broadbasing the privilege and power of IEC (*voting etc.*) would however be with NCs as it obtains now.

He indicated that support on the report was received from Iran, Japan and others with some recommendations or amendments which were of very useful nature. He pointed out that while circulating, it was also indicated that in case of no response, it will be considered as consent of the National Committee. He added that there were further

discussions in PFC and there was a good agreement. ICID's further strengthening by opening up membership for other sectors can help tackle problems faced definitely. This is particularly so in respect of financial status. He felt that there can be encouragement for participation by weak NCs and young professionals besides institutional support for ICID activities at National, Regional and Global levels more efficiently. He further went on to explain other advantages of membership by private companies and other strong role in contributing for the future challenges of global food security. Their problems can also be brought on in global environment. They also would then assign new markets which are getting open, new business opportunities areas by interaction and network and new collaboration and solving some of their problems. Advantage for ICID was nevertheless better financial strength to handle growing activities in facing global food security issues. But, this is not only the main objective. He had explained that there are other stakeholders whose contributions are most in the present way and functioning of ICID. Last, but not the least, he hoped that broadbasing membership and involvement of private sector in countries, the opportunities for participation of least developed countries in Asia and Africa in ICID activities will get support. As of now, we are able to do nothing to see that these countries participate in our activities essentially due to lack of funds.

Since Broadbasing of the Membership had been addressed exclusively in a separate item earlier and the Council's decisions recorded on the same already, there was no further discussion on the PFC report containing this aspect.

President Chandra thanked **VPH Nairizi** for presenting PFC report.

Applause....

Item 13 : Amendments to Constitution and By-laws

President asked Secretary General to explain the proposed amendments to Constitution and By-laws. Detailing the background which had already been indicated in the agenda, SG Gopalakrishnan said that an amendment to the Constitution has become a necessity to incorporate the suggestions resulting from a Task Force constituted with PH Keizrul's convenorship. The Task Force presented a report to PCSPOA during 59th IEC at Lahore and *inter-alia* comes up with the suggestions that the Chairman of Regional Working Groups should be assigned to a Vice President in the region.

Secretary General explained the amendment that is proposed to the By-laws under the provisions of By-law 1 runs as follows:

"The Chairmanship of the Regional Working Groups, as far as possible, should be assigned to a Vice President in the region".

President Chandra invited discussions, in the absence of any comments, the proposal was voted unanimously by the Council. The By-laws will be changed accordingly.

Item 14 : Presentation on Strategy Theme 'On-farm'

The presentation theme for the 61st IEC was on the Strategy Theme – On-Farm. The President invited the theme presentation from VPH Dr. Nairizi.

VPH Nairizi commenced his presentation with PowerPoint slides and presented his detailed report which appears in full in page 19 – 22 of the printed agenda. He explains the contents in great detail. This includes the significant contribution by rainfed agriculture to an extent of 60% and the new challenges to increase productivity from rainfed in view of the diminishing investment for new irrigation unlike green revolution period. He amplified on the rain water productivity and precipitation management. Agricultural water productivity should keep the objectives of crop yield investment at farm level optimizing crop water requirements and upgrading the level of irrigation water management for eliminating non-productive water losses. He covered each one of these aspects in greater detail bringing out yield itself in different parts of the world touching upon the economic considerations in irrigation water management through a graph.

Managing irrigation water losses, Dr. Nairizi said, assumes greater significant as it enhances the gross irrigation water requirements. He explained the conventional method of water resources irrigation efficiencies, evaluation at

farm level including soil beyond the root zone and run off that served as a useful concern for the farmer downstream.

Concluding his presentation with a set of six recommendations, Dr. Nairizi proposed recognizing the importance of green water as a potential water resource for food supply, paying attention to the research undertaken by dealing with direct response of crop water deficit as in FAO Technical Report No.56 in estimating conveniently crop water requirement, improved application technologies that minimize non-beneficial evaporation at farm level by encouraging subsurface micro irrigation mulching and covering of soil surfaces. VPH Nairizi further pointed out in his recommendation that it is time to research and technology to improve agricultural yield per hectre, diverting attention from simple allocation of more water to agriculture. Their production input remains significant. As water resources have become a valuable commodity with diminishing of the resources, research and practice should focus on deficit irrigation while dealing with crop and water - soil relationship through models. Expecting 20% irrigation water deficit and even 30% in respect of cereals as shown in some cases optimum solution. He concluded that limitation of freshwater availability, population growth, boosting water demands, increasing cost of water supply and distribution and assign to new technologies and sciences should force us to facilitate and encourage new ideas to restructure the way of our thinking about irrigation to the advantage of crop production process. President Chandra thanked Dr. Nairizi and asked for questions, if any from the floor. In the absence of any queries, President proposed on to move to the next item asking the floor to give a big applause to Dr. Nairizi for his theme presentation.

Applause....

Item 15 : Presentation of Awards / Plaques

15.1 WatSave Awards

President invited PH Lee to deal with the WatSave Committee reports and awards as its chair. He pointed out that neither of the recipients of the awards is there and hence the representatives of the National Committees concerned could receive the awards on their behalf.

PH Lee commenced explaining to the Council the composition of the Panel of Judges comprising of him. VPH Mark Svendsen, VP Willem F. Vlotman, VP Lucio Ubertini and Dr. Gerhard R Backeberg. He thanked them for their timely evaluations that were concise making the process smooth. The Panel of Judges followed the established rules of opting out evaluating the submission in case the nomination for award is from the country to which they belong to. PH Lee explains that there were two nominations for `Technology' award and three for `Innovative management' and one for `Young professional' award and regretfully none for the `Farmers' award constituted this year. He indicated that while one would like to have more awards, there is a basic question that awards which can have water saving which can be described as truly outstanding and actually achieved in the field. Relaxation of this requirement is only given to Young Professionals award that can be restricted to just water saving and not necessarily achievement in the field. PH Lee explained that based on the basis of criteria evolved by the Panel, they could not bring out any for Young Professional and of course none for the Farmers. This year he added that the award is given only for "Technology" which goes for the achievement of irrigation water security for creating on-farm reservoir in the UK. He announced that the nominees were Dr. Keith Weatherhead, Mr. Malvyn Kay and Dr. Jerry Knox of UK. He invited a representative from UK to come forward to receive the plaque on their behalf.

Applause....

He mentioned that the citation is that the water saving can take different forms. The particular achievement involving the use of storage to conserve surplus winter water for agricultural use in summer droughts saving summer water for other uses, including the environment. The judges noted that this was itself not a new technology, but its application by water professionals campaigning for farmers to invest in their land was worthy of award. The construction of on-farm reservoirs has provided the water security essential to achieve timely production of high quality food that reduces wastage from field to plate.

In the Innovative Water Management Award, he indicated that this award went for water distribution management at Vaalhartswater, the nominee is Mr. Kobus Harbron (South Africa). He explained that it was a fine submission and demonstrated as a model in water saving submissions. Vaalhartswater is the largest irrigation scheme in South Africa. Dating from the 1930 and serves 29,000 ha through around 1900 abstraction points. The well developed computerization with a manual water administration in the system deserves praise. Water saving to the extent of

17.5 million³ in a single year has been possible by the new water administrative system using digitary and electronically imported flow data. Water saving is sufficient to irrigate 74 additional farms and it is quite credible saving because it only represents 5% of losses reduced from 32% to 26.7%. It is sustainable and capable of further improvement and expansion to another scheme. PH Lee asked the representative of South Africa to come forward to receive the award from the President.

Applause....

President then invited representatives of British and South African National Committees to come forward to the front to receive the presentation. Dr. Ragab Ragab and Mr. Felix Reinders received the award on behalf of WatSave winners.

Applause....

15.2 Plaques to retiring 3 Vice Presidents and Secretary General

President than invited Prof. Dr. Peter Kovalenko (Ukraine), Dr. A. Hafied A. Gany (Indonesia), Engr. Dr. Illahi B. Shaikh (Pakistan) to receive citation plaques for their significant contributions during their tenure 2007-2010. After praising each one of them, he handed over the plaques in token of ICID appreciation for their services.

Applause....

He then invited Engr. Husnain Ahmad from Pakistan National Committee on Irrigation and Drainage (PANCID) to receive the plaque for Dr. Illahi B. Shaikh, retiring Vice President.

Applause....

Taking up the case of acknowledging Secretary General, President informed that he is not as yet and have a few more months to go. He indicated that he would be inviting Secretary General Gopalakrishnan to join as well next year Congress in Tehran and have a farewell in Tehran. The presentation here is just for his completion of over two terms with us and he wish to acknowledge the services of Secretary General in a few words.

President informed Secretary General that he felt it is an immense honour for having worked with him. He quoted is earlier interactions as Chairman, PFC as well as Management Board and Staff Committee.

He reminded the task before the Search Committee at this juncture and pointed out that the position of Secretary General is a very important aspect of ICID. He drove home the importance of successful Council meetings, workbodies efforts are all due to the significant back up support and hard work of Central Office that could function effectively only with a SG of high merit and devotion. The main part of SG contributions lies in convening the IEC, work with different countries around the world all through the year interact with the workbodies that convened during Council meetings and last but not the least with regard to those decisions and implementing them taking ICID forward all along. It requires dedication of an outstanding individual and is not a job for any and everybody. We find in Secretary General Gopalakrishnan somebody dedicated 24 hours a day to successfully execute the expected duties for ICID.

Applause....

Continuing, he indicated that we find in Secretary General presently working on all hours of the day with many National Committees demonstrate all as equal, effective response in a timely manner the request from any corner. Hardly there was an instance when an e-mail or telephone call to Secretary General remained unattended in an efficient and timely manner. The sense of dedication and loyalty and the quality of grace and dignity with which the Secretary General deals with NCs of wider range of cultural backgrounds itself in expectation was unique. Any SG who succeeds him should be a person who has that level of grace and dignity of diplomacy to be able to respond to different sensitivities in a way that would be able to rally people around and create an atmosphere of all inclusiveness rather than an atmosphere of all exclusiveness.

President ICID felt very proud in Secretary General Gopalakrishnan's ability to make a big dent in ICID family. He is a man of vision with a breadth and depth of knowledge and reach not just our National Committees, but even our sister organizations in IWALC and others with whom ICID partners had been praising him for his technical knowledge and skill. President quoted SG's operations on various international fora where his views were well

received. We all know that irrigation and drainage sometimes take a backseat and gets a very rough handling and other affairs to their attack the sector. Secretary General has been able to weather out those battles, whether those stones and to articulate the strength and powers of ICID as No.1 organization in its mission of irrigation and drainage in various international fora.

Applause....

President's continued thanking Secretary General hoping that he would stand always available and lend his helping hand to this august body. He personally felt like it was a great time in having worked with him and obtain such a tremendous support to him as well as all the colleagues and National Committees in the room. The impressive leadership, guidance and diligence with which SG ran Central Office and manage the staff made ICID feel that there was a dependable SG, who always comes forward to share experience that could be trusted and respected. He wished Er. Gopalakrishnan well though that there would be opportunity to say other farewell.

Applause....

Secretary General thanked President Chandra Madramootoo and all other Office-Bearers and Chairman of National Committees and colleagues. He was humble by the nice words that were said about him. He was surprised by the indication that ICID looks forward to say yet another farewell in the next IEC and he would continue till then. He was surprised with all the compliments as he wondered he was able to rise up to the expectation. In his own mission there are more things to do than what could be done. The encomia showered on him were very fulfilling. He then said that whatever achievements were possible was essentially to the background support he had back home in Central Office. He felt that he owes the credit to them and more so to all in the Council whose best support enabled ICID move forward. He recounted the seven years that preceded working with President Hon. Keizrul bin Abdullah and President Hon. Peter S. Lee besides President Chandra Madramootoo. He felt that it was a golden period in his entire career where he got more wider knowledge due to interactions with a galaxy of experts from around the world. It was a superb experience to work with Presidents, Office Bearers, National Committees chair and chair of working groups and expert bodies, each one excelling in his own way. He was grateful for the comments of the President indicating that the Council besides him found a good Secretary General in him. He said that no amount of acknowledgement could match the feeling with which he values such appreciations. He was grateful for President's indication that he would have yet another opportunity to meet all in Tehran and say farewell.

Applause....

15.3 Plaques to retiring Chairs of workbodies

The President then invited Dr. Eiko Lübbe who relinquished as Chairman, European Regional Working Group. He commended his inputs and thanked him while presenting the citation plaque. Dr. Lübbe acknowledgement the sentiments expressed and indicated that this might perhaps be his last meeting as he may not be in a position to come down to ICID, because of his retirement. President then invited President Hon. Bart Schultz to present the Best Paper in the ICID Journal "Irrigation and Drainage".

15.4 Award for the Best Paper in the ICID Journal "Irrigation and Drainage"

President Hon. Bart Schultz felt honoured to present his report of the jury for the Best Paper published in Irrigation and Drainage in 2009, Volume 58, which is called the "Wiley Blackwell Best Paper Award". He recalled the decisions five years back in the Editorial Board meeting held in Beijing meeting in September 2005 instituting the award for the Best Paper published in Irrigation and Drainage. The award is a plaque and in addition Wiley Blackwell prize of US \$ 500 to US \$ 800 worth of Wiley publications. The best paper of those published in 2009 was selected using the criteria for evaluation of paper, which included; (i) the paper is innovative and scientifically sound, (ii) the paper contribute to a better understanding of development and management of irrigation, drainage and flood control system and the paper is well written. The paper with authors or co-authors from the present and previous editorial teams and editorial boards are excluded from consideration. In 2009, 82 papers were candidates and this was because of the reason there were five regular issues and on top of it 3 sponsored special issues. So out of 82 papers published, the best paper has been selected by the jury consisting of Joint Editors, Associate Editors and as Chairman (and he himself as Chairman, Editorial Board). The jury prima facie chooses one paper of each issue published and this could reduce the eligibility to 8 papers and amongst them that were send to all Joint Editors, Associate Editors, the best paper was chosen. The response and ranking by different judges sowed a variety of selection. All of them have different background and hence the one estimated paper higher was not so in the others case, this was logical. Between the rankings of those 8 papers, there was an option in the panel to

advice a paper that this option was not made by any. Finally, 3 papers were ranked as higher on the rest 5. PH Bart Schultz then indicated that to be honest there was not much difference between them so the paper that has been selected as Best Paper for 2009 is "*Farmer's perceptions and engineering approach in the modernization of a community-managed irrigation scheme: A Case Study from an oasis of the NEFZAWA (South of Tunisia)*" authored by Ghazouani, Marlet, Mekki and VPH Alain Vidal focusing the involvement of the target farmers was adjudged the best. The study was aimed to investigate farmers' discourse, practices and perceptions, and to emphasize progress, limit and synergy of farmer's representation in the modernization programme undertaken in the Fatnassa Oasis in Southern Tunisia. Analyses of constraints were based on the modernization programmes and on farmers' interviews. Casual relationships were represented separately as problem trees according to farmers' and engineers' perceptions. The technical solutions implemented by engineers did not achieve the expected enhancement because they disregarded inappropriate community management of the Oasian System. Farmers were aware of the constraints related to water logging and hot irrigation water since they can link causes and effects. The low frequency of delivery water turns was cited as the main constraint in spite of the fact that the farmers were themselves accountable for some inefficient irrigation practices and continuous extension of date palm plantation. Farmers failed to mention soil degradation and salinity, which were only perceived indirectly, or because they applied corrective measures. This case study allowed a critical reflection on the limitations of each approach and for the combination of experts and farmers' knowledge.

PH Bart Schultz indicated some remarks of the jury made during the evaluation process. In many irrigation schemes modernization programmes are on-going. The paper chosen describes a particular aspect of the modernization programme, namely, how far farmers' perceptions can be taken into account in the modernization measures. Although, the scientific value of the paper is good, but not exceptionally high, it addresses a clear and effective way issue of central importance to the journal and the irrigation sector. The paper had a good use of the primary data and clearly serves as a reference for similar studies and approaches relating to modernization. He then concluded requesting President Chandra to hand over the plaque to the representative of the Oasis.

Applause....

The President handed over the award to the recipients.

Item 16 : Framework of Cooperation between FAO / ICID / UN-Water Decade Program on Capacity Development (UNW-DPC) to organize Capacity Building Workshop at the 6th Asian Regional Conference, Yogyakarta, October 2010

&

Item 17 : Memorandum of Understanding between ICID and UN-Water Decade Program on Capacity Development (UNW-DPC) on Capacity Development for Water in Agriculture

Referring to these items in the agenda circulated, President Chandra informed the Council that he would not get into the details as the agenda is clear informing the Council on the Memorandum of Understanding (MoU) between ICID and UN-Water Decade Program on Capacity Development (UNW-DPC) (page no.23 and 24 of the printed agenda book). Members had seen the purpose of that Memorandum in a presentation in the Open Session plenary of 6th Asian Regional Conference by the Head of UNW-DPC, Dr. Reza Ardakanian. He recalled indications about the programme made by him also a Workshop for ICID FAO and UNW-DPC convened in Yogyakarta. He informed the Council that Dr. Pasquale Steduto was also there for joining this programme and ICID Secretary General had been earlier in Yogyakarta to participate in it. President Chandra Madramootoo informed that new policy presentation and discussions on the subject. He would not add any further and sought questions from the floor, if any. In the absence of any queries, President thanked the Council and moved on to the next item.

Item 18 : Election of three Vice-Presidents

President informed that Prof. Peter Kovalenko, Dr. Hafied A. Gany and Dr. Illahi B. Shaikh are retiring at the end of this meeting. He informed the Council those who continues as Vice Presidents will be Dr. Mrs. El-Guindy, Mr. Shinsuke Ota, Prof. Lucio Ubertini, Dr. Willem Vlotman, Dr. Laszlo Hayde and Mr. A.K. Bajaj. He informed the Council that Mr. Bajaj had to unexpectedly return to India for the funeral arrangements of his mother, who suddenly passed away and conveyed regrets for not being in the Council meeting today.

For the three vacancies, Central Office had invited nominations. Two nominations were received on time and the nominees of the National Committees were Mr. Chaiwat Prechawit from Thailand and Engr. Husnain Ahmad from Pakistan. In view of the availability of the other vacancy after the closing date of the nomination under By-law 2.5, President in consultation with the Secretary General invited British National Committee and US National Committee, if they would be interested. There were nominations from both ICID.UK – Dr. Ragab Ragab and USCID – Dr. James Ayars.

President then indicated that he held discussions with USCID since we have only three positions and only one needed to be filled-in by the option under By-law 2.5 inviting NCs to propose a nominee. USCID had with the gracious consent of Dr. James Ayars agreed to withdraw the candidature from the elections to be held in Yogyakarta. President ICID felt that Dr. Ayars would be benevolent to allow his name to stand at a future time. He then placed on record gratitude to the National Committees who came forward with nominations.

For the USCID particularly, he thanked for its generosity in bringing forward Dr. Ayars candidature right now. President Chandra indicated that we have three vacancies and three candidates. He then asked the representatives of the National Committees to come forward to introduce the candidates in a brief manner. He then pointed out that there will be a closed ballot, simply for the reason of establishing a seniority which assumes relevance only in case the final year of their tenure should the President's post be non-functional. Then the THAICID introduced their candidate followed by PANCID. Later PH Peter Lee introduced the ICID.UK representative. Based on the ballots received, President indicated the elections of Dr. Ragab Ragab, Engr. Husnain Ahmad and Mr. Chaiwat Prechawit.

Applause....

Item 19 : Any other business

In the absence of any item, President moved on to a last item on closing remarks.

Item 20 : Closing remarks by President, ICID

President Chandra Madramootoo concluded saying that he was privileged to lead at a time when modernization of our system is in full force to achieve food security, besides other major issues ahead of us are in terms of floods and droughts and their impacts. President hoped that through our contributions collectively a joint agenda to help to achieve our goals would be possible. He felt that it is important to expand our organization to take on board other partners. President indicated the importance of expanding our National Committees especially with regard to broadbasing. He felt the extreme importance of strengthening NCs and ICID of broadbasing, by bringing in a fresh set of people to the table to think of the future and furtherance of ICID objectives. *The meeting concluded with an acknowledgement of the hard efforts put forth by INACID in hosting the IEC and associated events in an admirable manner and bringing in dignitaries for the IEC.* He indicated that with that note he would wish to bring the meeting to a formal close and look forward for a motion to adjourn. USA proposed Iran, Germany, Canada, Egypt and others seconded. The meeting stood adjourned.

(President ICID permitted PH Peter Lee to say a few words after the meeting adjourned. PH Lee informed the house that he was taking an opportunity of announcing the completion of 40th IEC of Mr. Larry D. Stephens. . President also agreed and seconded the warm sentiments wholeheartedly by congratulating VPH Stephens).

Applause....



ICID 61st International Executive Council Meeting

**Presentation by Chandra A. Madramootoo
President, ICID**



**October 15, 2010
Yogyakarta, Indonesia**



Current Drivers:

- The continuing food crisis and volatile food prices
- Climate variability – floods and droughts
- Competition from other water users
- Population growth
- Lack of water storage capacity
- Demands for energy and alternative fuels
- Changing dietary patterns
- Weak institutional capacity
- Lack of investments in agriculture and water
- Weakened applied research and technology transfer capabilities
- Environmental and water quality degradation

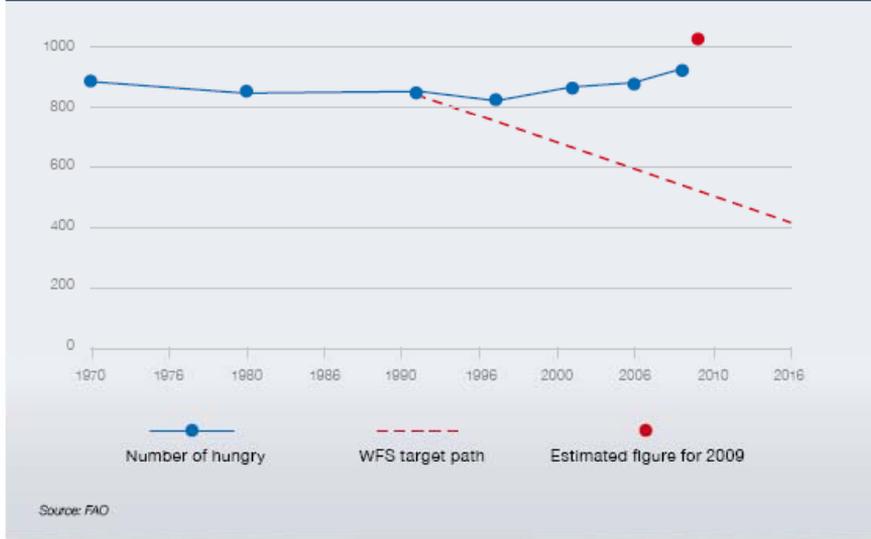
Forest fires in Russia



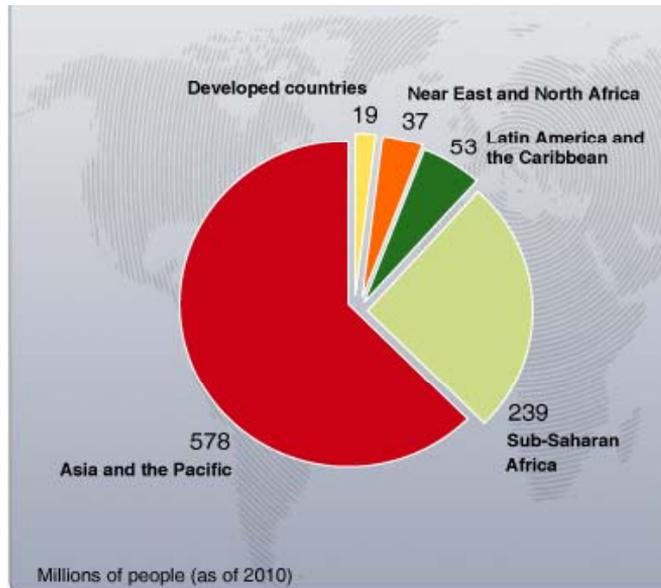
Floods in Pakistan



Figure 2: Number of hungry people in the world (in millions)



Global Food Crisis: 925 million people hungry in 2010



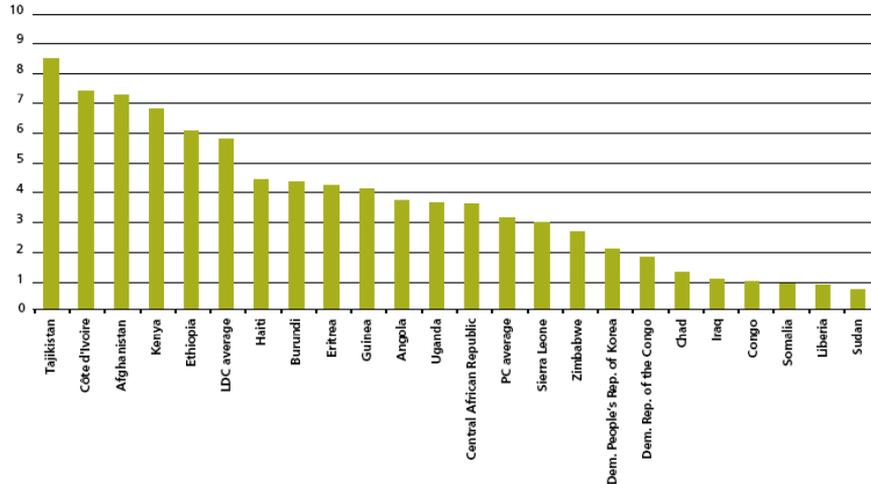
22 countries High and persistent hunger



- 166 million people
- 20% of all under-nourished people

Agriculture is vital to the economies of countries in protracted crisis, yet receives a small fraction of development ODA

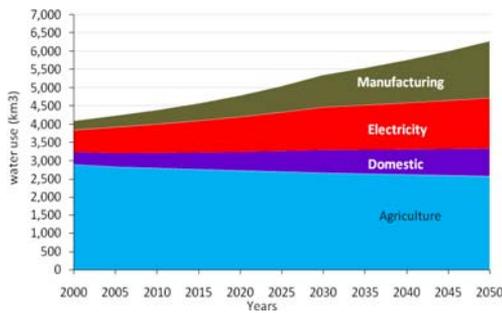
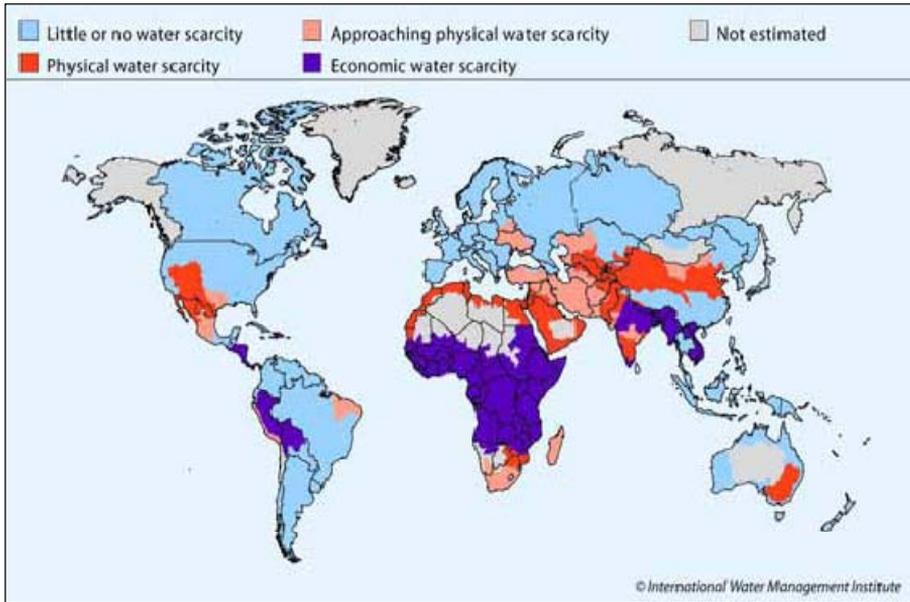
Development ODA to agriculture as a percentage of total ODA, 2005–08



Note: PC = countries in protracted crisis; LDC = least-developed countries (excluding countries in protracted crisis).

Source: OECD-CRS database.

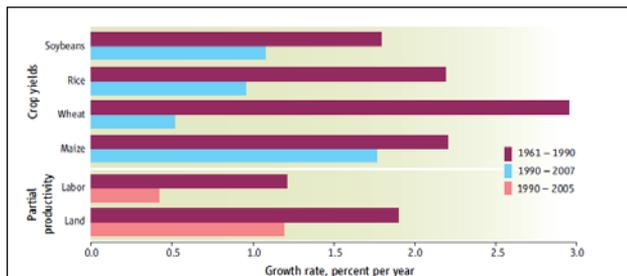
Water Scarcity (Source IWMI, 2007)



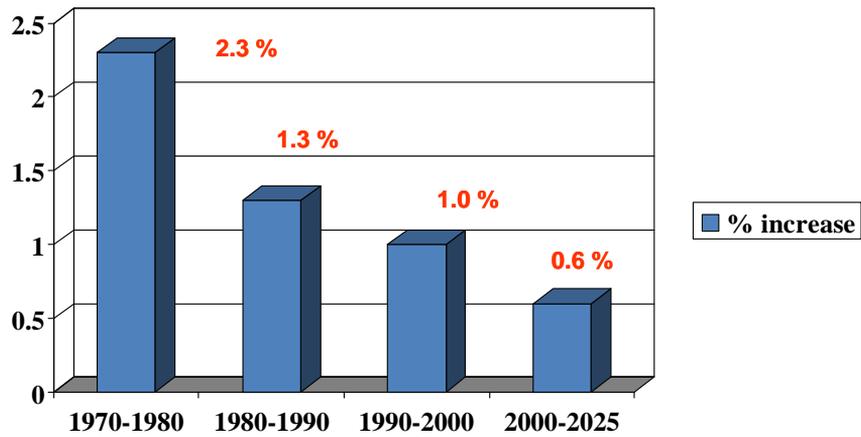
RISING WATER DEMAND FROM OTHER SECTORS
(Source: FAO 2009)

Limitations to crop growth

(Source: Alston et al. 2009, Science.)



IRRIGATION EXPANSION



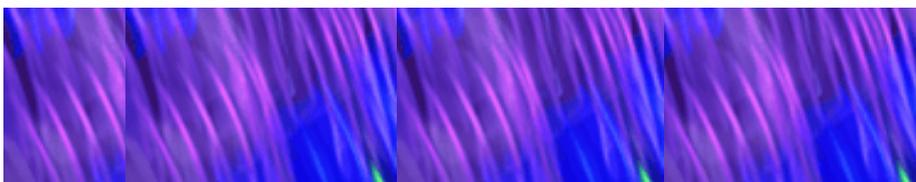
**TECHNOLOGY GAPS REMAIN AND
CLIENT DEMAND CONTINUES**



UNDER-INVESTMENT IN R&D, TECH TRANSFER AND CAPACITY BUILDING



INSUFFICIENT NUMBER OF TRAINED PERSONNEL





WORLD BANK: 1990-1997

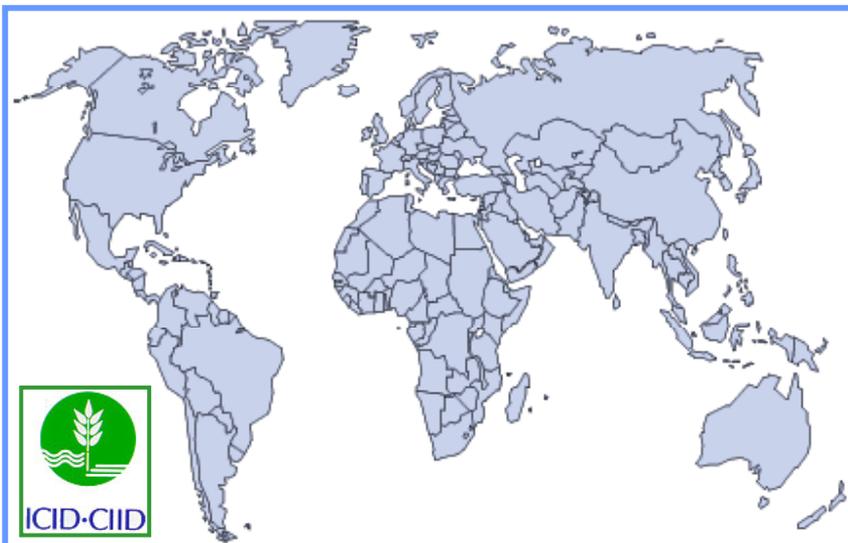
- modernization of irrigation systems,
- sustainable land and water use,
- widespread use of maintenance technology

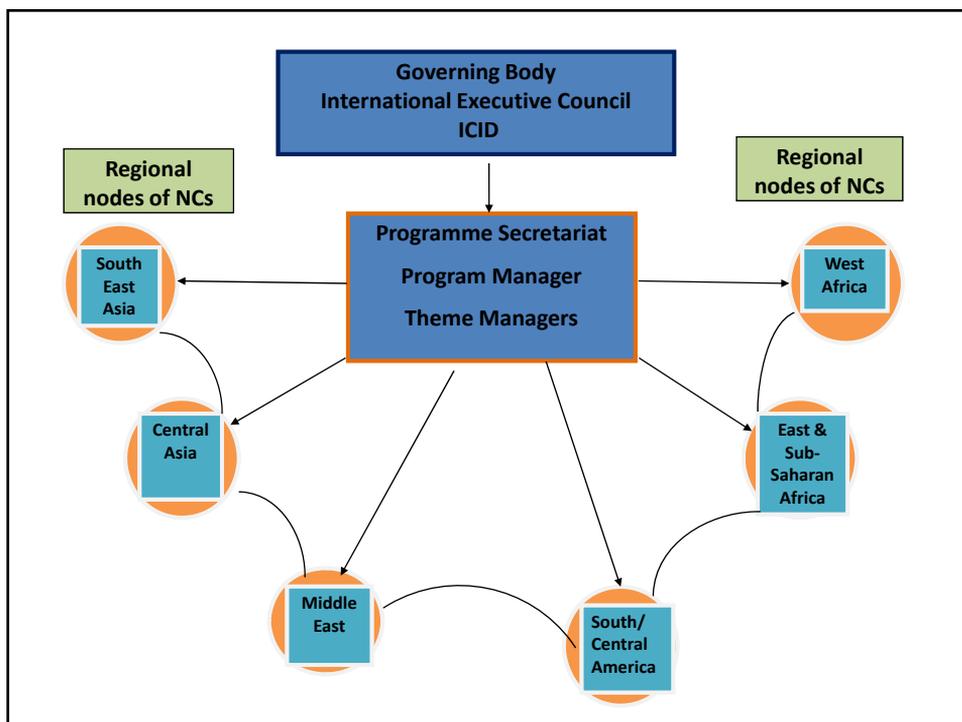


FAO: 1998-2008

- dissemination of knowledge
- capacity building

INTENSIFYING TECH TRANSFER AND TRAINING EFFORTS USING OUR NCs





CROSS CUTTING THEMES




- Knowledge dissemination
- Capacity building – irrigators, technicians, private sector, public sector, colleges, universities

POTENTIAL RESEARCH THEMES

- **Drought and water scarcity;**
- **Groundwater protection and management;**
- **Low quality waters and wastewater reuse for irrigation;**
- **Water harvesting and storage;**
- **Drainage, and waterlogging and salinity control;**
- **Lowlands development**
- **On- farm water management and water use efficiency;**
- **Energy and sedimentation control.**



**Open consultative meeting
Wednesday October 13 –
together with FAO**



NEXT STEPS:

- FAO and ICID will issue a joint letter on termination of existing obligations at FAO and transfer of program ownership and governance to ICID**
- ICID MB establish a small advisory committee to work with NCs to develop a work programme, functional support structures and research networks**
- ICID to work with FAO and its convening power to seek project financing support**

THANK YOU!



**Wheat statistics
millions of tonnes (FAO, 2007)**

Country	Production	Imports
India	73	3
China	102	2.5
Egypt	7.6	7.3
Indonesia	-	4.8
Brazil	3.8	7.0
Canada	24.3	-



**FOOD PRODUCTION
NEEDS TO DOUBLE
OVER THE NEXT 25
YEARS TO MEET
POPULATION DEMANDS**



**Can we manage and save water?
From point to complex
heterogeneous systems**



**Geospatial and computational
analysis**





Water Management for Food Security
Chandra Madramootoo, President, ICID
Presentation to CNCID, May 9, 2010



ICID-CIID

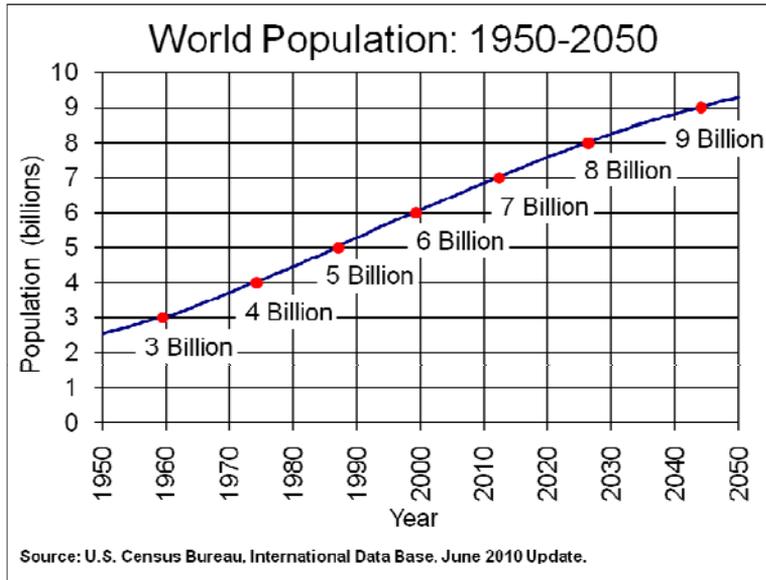


ICID-CIID

Rebuilding leadership in irrigation and drainage research



POPULATION GROWTH



September 24-26, 2008



TECHNOLOGY GAPS IN DEVELOPING COUNTRIES





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CNCID

**Memorandum of Understanding
between
International Commission on Irrigation and Drainage (ICID)
and
Chinese National Committee on Irrigation and Drainage (CNCID)**

In due recognition of:

1. the pressing needs to ensure global food security by increasing the present levels of food production;
2. the important role of research and technology development towards this global goal;
3. the need for capacity building at all levels in efficient water management;
4. ICID being the largest NGO in Irrigation and Drainage covering 110 countries;
5. the organizational strength of ICID with its well established widespread network of National Committees created over the past six decades and with contributions from specialized workbodies; and
6. the Chinese rich traditional knowledge coupled with modern advances in irrigation and drainage technologies in China in its different institutes of advanced learning;
7. Chinese National Committee on Irrigation and Drainage (CNCID) hereby undertake to set up a Research and Training Centre in Beijing for an ICID International programme for Research in Irrigation and Drainage.

Signed, on the 15 of October 2010 in Yogyakarta, Indonesia by

Prof. Dr. Chandra Madramootoo
President, ICID
For and on behalf of
International Commission on Irrigation and Drainage
(ICID)

Mr. Li Yuanhua
Acting Chairman, Chinese National Committee on
Irrigation and Drainage (CNCID)
Acting Director General, Department of Irrigation,
Drainage and Rural Water Supply, The Ministry of
Water Resources
People's Republic of China



Le 13 octobre 2010, sous l'égide de la Commission Internationale de l'Irrigation et du Drainage (CIID) et en présence de son Président Pr. Dr. Chandra A. Madramootoo,

M. Moussa Amadou, Président de l'Association Régionale pour l'Irrigation et le drainage en Afrique de l'Ouest et du Centre, accompagné de M. Adama Sangare, son Président d'Honneur et Président de l'Association Malienne pour l'Irrigation et le Drainage (AMID), le Comité Malien de la CIID,

et

M. François Brelle président de l'Association Française pour l'Eau, l'Irrigation et le Drainage (AFEID), accompagné de M. Sami Bouarfa, Secrétaire Général de l'AFEID,

se sont réunis en marge de la 6^{ème} Conférence Régionale Asiatique de la CIID à Yogyakarta.

Cette réunion a porté sur la consolidation des liens entre la CIID, l'ARID et l'AFEID au travers de plusieurs actions à conduire en 2011, à savoir :

- un voyage d'étude de l'ARID en France en 2011
- la participation croisée aux deux conférences régionales de la CIID qui se tiendront :
 - à Orléans (France) du 14 au 16 mars 2011
 - et à Bamako (Mali) du 29 novembre au 3 décembre 2011

A l'issue de cette réunion, il a été convenu ce qui suit :

1. **Le voyage d'étude de l'ARID en France**, pour des raisons évidentes d'efficacité, sera couplé à sa participation à la conférence d'Orléans et se déroulera à la suite immédiate de cet événement. Il a été convenu que les quatre actions suivantes sont à conduire sans tarder :
 - a) L'AFEID établira un devis détaillé du voyage d'étude de l'ARID en France en mars 2011 incluant sa participation à la conférence d'Orléans, la visite des trois Sociétés d'Aménagement Régional (SCP, BRL, CACG) comme initialement prévu sur une durée totale qui excèdera une semaine.
 - b) A partir de modèles de convention-cadre déjà disponibles, l'AFEID élaborera un projet de convention de collaboration AFEID-ARID.
 - c) L'ARID établira les conventions entre elle-même et ses partenaires Africains, qui préciseront en particulier les modalités de prise en charge des perdiems et les billets d'avions des participants au voyage d'étude (ARID). L'ARID en donnera copie à l'AFEID.
 - d) Des demandes de sponsoring seront faites pour le voyage d'étude et les frais afférents à la conférence d'Orléans auprès du MAEE (par l'ARID via les SCACS), de l'AFD (par l'ARID) et de la banque mondiale (par l'AFEID).

2. 24^{ème} Conférence Régionale Européenne (14 - 16 mars 2011 – Orléans - France) et 3^{ème} Conférence Régionale Africaine de la CIID (29 novembre - 3 décembre 2011 – Bamako - Mali)

Outre des contributions africaines, la participation des membres de l'ARID (12-15 personnes) à la Conférence d'Orléans permettra de préparer la participation de l'AFEID, voire de l'ANAFIDE (Comité Marocain de la CIID) qui sera également présente, à la 3^{ème} Conférence Régionale Africaine qui doit se dérouler en décembre 2011 au Mali. Les deux conférences seront en outre des évènements préparatoires du Forum Mondial de l'Eau de Marseille de mars 2012 afin de permettre une meilleure participation africaine à ce forum. A Orléans, une réflexion pourra également avoir lieu en présence du Président de la CIID sur la reprise des liens avec les Comités Nationaux du Maghreb. L'AFEID pourra jouer un rôle d'intermédiaire pour faciliter le lien et la communication entre l'ARID, les Comités Nationaux du Maghreb et le Secrétariat Général de la CIID à Delhi.

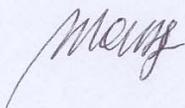
Sur proposition de l'AFEID et avec l'accord de l'ARID, deux représentants d'Haïti pourraient se joindre au voyage d'étude (sous la coordination de l'AFEID).

A été évoqué le démarrage prochain d'un projet de recherche/développement intitulé "EAU4Food", financé par l'Union européenne, qui implique – entre autres – l'IER, le Cemagref, le Cirad coordonné par Alterra, et qui portera sur les innovations en systèmes irrigués dans cinq pays d'Afrique (Afrique du Sud, Ethiopie, Mali, Mozambique, Tunisie). Ce projet fera l'objet d'une communication lors de la prochaine conférence de l'ARID.

A l'issue de cette réunion, le Président Pr. Chandra A. Madramootoo s'est félicité de la perspective d'un resserrement des liens entre la CIID, ses Comités Nationaux Africains et l'ARID, auquel l'AFEID est heureuse de contribuer.

Yogyakarta, le 15 octobre 2010

Le Président de l'ARID



Moussa Amadou

le Président de la CIID



Chandra A. Madramootoo

le président de l'AFEID



François Brelle

Minutes of the Twenty-first Meeting of the
**PERMANENT COMMITTEE ON STRATEGY PLANNING AND
 ORGANIZATIONAL AFFAIRS (PCSPOA)**
 (Renamed as Permanent Committee on Strategy and Organization (PCSO))
 Yogyakarta, Indonesia
 13 October 2010 : 09.00-12.30 hours (Session – I)
 13 October 2010 : 13.30-17.00 hours (Session – II)

Year of Establishment: 1997

Members Present: (1) Vice President Dr. A. Hafied A. Gany, Chairman (Indonesia, 2007); (2) Vice President Mr. Shinsuke Ota, Vice Chairman (Japan, 2008); (3) Vice President Hon. Prof. Peter Kovalenko (Ukraine, 2007) (4) Vice President Dr. (Mrs.) Samia El-Guindy (Egypt, 2008); (5) Vice President Prof. Lucio Ubertini (Italy, 2008); (6) Vice President Dr. Willem F. Vlotman (Australia, 2009); (7) Vice President Dr. László G. Hayde (Hungary, 2009); (8) Vice President Hon. Dr. Ing. Eiko Lübbe (Germany, 2006); (9) Vice President Hon. Dr. Karim Shiati (Iran, 2006) represented by VPH Dr. Saeed Nairizi and (10) Er. M. Gopalakrishnan, Secretary General, ICID.

Apology: Vice President Engr. A.K. Bajaj (India, 2009)

Ex-Officio Members Present: (i) Chairman, African Regional Working Group (AFRWG); (ii) Chairman, Asian Regional Working Group (ASRWG) represented by Vice-Chairman Mr. Tai-Cheol Kim.

Observers Present: (i) Prof. Dr. Chandra A. Madramootoo, President, ICID (Canada); (ii) Prof. dr. Bart Schultz, President Hon., ICID (The Netherlands); (iii) Dr. Gao Zhanyi, Vice President Hon., ICID (China); (iv) Mr. Yaser Barghi (Iran); (v) Mr. Helvecio M. Saturnino (Brazil); (vi) Mr. Kunihiko Naito (Japan); (vii) Dr. S.A. Kulkarni, Executive Secretary, ICID Central Office.

Item 1 : Confirmation of minutes of the 20th meeting of PCSPOA held at New Delhi, India, 08 December 2009

The minutes of the 20th meeting of PCSPOA held in New Delhi on 8 December 2009 were circulated and placed on the ICID website on 09 February 2010. Since no comments were received on the minutes, the Committee confirmed the minutes.

A. CONTINUING ITEMS

Item 2 : Membership of PCSPOA and Workbodies

2.1 In terms of By-law 3.2.2(e), Vice Presidents Hon. Dr. Ing. Eiko Lübbe (Germany), Dr. Karim Shiati (Iran) and Ir. Mohd. Azhari bin Ghazalli (Malaysia) will retire from the membership of the Committee at the conclusion of the Yogyakarta events on completion of their 4-year tenure. The three new Vice Presidents who will be elected at the 61st IEC will join the Committee as members in their place.

2.2 The following membership proposals were recommended to IEC for approval:

African Regional Working Group (AFRWG)

- Dr. Samia El-Guindy (Egypt)

Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)

- Ms. Kateryna Shatkovska (Ukraine)

Special Work Team on Lake Chad Basin (ST-LCB)

- Prof. Dr. Tsugihiko Watanabe (Japan)

Committee on Congresses /Conferences (C-CONGR)

- Dr. Chris Bennett (Australia)

Working Group on Young Irrigation Professionals Forum (WG-YPF)

- Mr. Fabian Priandani (Indonesia)
- Dr. Yacob Beletse (South Africa)
- Mr. Yaser Barghi (Iran)
- Dr. Katsuyuki Shimizu (Japan)
- Ms Hayati binti Zainal (Malaysia)

American Regional Working Group (AMRWG)

- Ing. Agr. Sergio Domingo de Agrela Vaccarezza (Uruguay)

Item 3 : New Member Countries and Membership Drive

3.1 No new applications for ICID membership were received by the Central Office.

Fiji's and Cameroon's applications for ICID membership were accepted at the New Delhi IEC (2009) meeting. Fiji has paid its subscription to commence its membership while the first subscription from Cameroon was awaited. Central Office has communicated with the Vice Minister, Ministry of Agriculture and Rural Development, Cameroon and provided desired documents to formally effect their membership.

The National Committees of Azerbaijan, Burkina Faso, Chad, Jamaica, Mauritius, Mongolia, Turkmenistan, Sao Tome & Principe and Yemen whose membership applications had been accepted by the IEC in the past were also requested to pay their first subscription to commence their membership formally. Response from them is awaited.

3.2 Various countries in different regions that were approached to join ICID membership are as follows:

Africa: Botswana, Guinea, Mauritania, Namibia, Somalia, Swaziland and Togo.

Americas: Bolivia, Costa Rica, El-Salvador, Guatemala, Haití, Nicaragua, Paraguay, Puerto Rico and Trinidad & Tobago.

Asia and Oceania: Armenia, Bhutan, Cambodia, Georgia, Kuwait, Lao PDR, Oman and UAE.

Europe: Albania, Belarus, Bosnia & Herzegovina, Moldova and Norway.

The Central Office has provided all the desired information required for the membership to these countries. In response, Central Office has received an affirmative response from Dr. Robert Salandy, Director (Land and Water Development Division) Republic of Trinidad & Tobago for becoming a member. Central Office has requested Dr. Salandy to send their formal application for membership. Response is awaited.

Item 4 : Active National Committees and Re-activation of Inactive National Committees (NCs)

Region	Active	Deemed to be Inactive	Admitted but not paid subscription	Withdrawn	Total Network
Africa	08	15	05	-	28
Americas	07	09	01	01	18
Asia and Oceania	26	04	04	01	35
Europe	24	04	-	01	29
Total	65	32	10	03	110

Despite concession given during the 60th IEC meeting in New Delhi, based on the recommendation of the PFC that one can wait for one more year for dues to be received, these countries have not cleared their dues. As such, the Committee proposed to consider these countries deemed inactive after 2010 in case the dues are not cleared by the end of December 2010.

The inactive NCs in all the regions were requested to activate themselves. Vice Presidents of the concerned region were also requested to use their good offices for reactivation of such NCs.

ICID Central Office's efforts to reactivate the NCs in Africa, Europe and Americas were noted. The Central Office was asked to continue following up with these countries in 2011 also.

Vice Presidents' reports on their efforts to strengthen regional cooperation and activities of NCs

The Committee noted that Vice President Dr. W.F. Vlotman had made contacts with the Ministry of Agriculture, New Zealand and also talked to several representatives of the New Zealand Irrigation Industry and the New Zealand Research Community. He has informed that a number of Crown Research Institutes in water and agriculture research in New Zealand might be interested in ICID activities.

Dr. Vlotman has also communicated with the Vietnam National Committee for its reactivation and Yemen for commencing their ICID membership by payment of subscription.

Vice President Dr. László Hayde has made efforts to reactivate the NCs of Uganda and Bulgaria through his contacts.

Committee appreciated the efforts of VPs Dr. Vlotman and Dr. László Hayde and encouraged other VPs to assist Central Office in reactivation of inactive National Committees in their regions.

Item 5 : Task Forces

- **Task Force for Identifying Priority Issues for Least Developed Countries in Africa (TF-LDCsAF)**

The TF-LDCsAF has been closed. Final draft report was circulated in the meeting. The committee recommends uploading it on the ICID website for wider dissemination.

- **Task Force on Financing Water for Agriculture (TF-FIN)**

A workshop on "Country policies and strategies on financing and implementation of current water use charging systems in irrigation" was held in Yogyakarta. The Chairman reported at the PCTA meeting (refer page A-39).

Item 6 : Strengthening and Broadbasing of NCs, Evolving / Revising Constitution of NCs

The Central Office had in its record the Constitutions of 41 National Committees. Rest of the National Committees is being advised, from time to time to adopt and furnish a copy of their Constitution to the Central Office and also inform about modifications / revision, if any. As suggested at the New Delhi meeting, Central Office has provided sample 'Constitutions of National Committees' to all those National Committees who sought it.

B. REVIEW OF TENURES AND ACTIVITIES OF WORKBODIES

Item 7 : African Regional Working Group (AFRWG)

At the New Delhi meeting, the AFRWG nominated Dr. Adama Sangare (Mali) as the new Chairman and Mr. Andrew Senewe (South Africa) as the Vice Chairman. The 3rd African Regional Conference is scheduled to be held in Mali in September or December 2011.

The Chairman, AFRWG presented his report at the meeting.

Item 8 : European Regional Working Group (ERWG)

VPH Dr. Eiko Lübbe (Germany) who has been the Chairman of the ERWG since 2002, announced his desire to step down from the duties of chairmanship, and was substituted by the new Chairman, VP Dr. László G. Hayde (Hungary).

The Committee recorded its appreciation for VPH Dr. Eiko Lübbe (Germany) for his long term leadership to ERWG, and welcomed the new Chairman, VP Dr. László G. Hayde (Hungary).

The French National Committee will host the 24th European Regional Conference on the theme “Groundwater Resource: An Essential Resource to be Saved and Managed” in Orleans, from 14-16 March 2011 while the 25th European Regional Conference on the theme “Integrated Water Management for Multiple Land Use in Flat Coastal Areas” will be held from 16-20 May 2011 in Groningen, The Netherlands.

Item 9 : Asian Regional Working Group (ASRWG)

The 6th Asian Regional Conference will be held from 14-16 October 2010 on the theme “Improvement of Irrigation and Drainage Efficiency through Participatory Irrigation Development and Management under the Small Land Holding Conditions.” The Australian National Committee will host the 7th Asian Regional Conference on the theme “Regional Cooperation for Water and Food Security” in Adelaide in June 2012 in conjunction with the 63rd IEC meeting as approved at New Delhi IEC.

Item 10 : American Regional Working Group (AMRWG)

Since the AMRWG was unable to organize a workshop during the New Delhi events of ICID, it was decided to first consolidate the membership of the WG and then pursue the activities listed in the agenda. Ing. Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay) presented a profile of the water use in Uruguay agriculture, and the profile will be sent to the Central Office of ICID.

Prof Lucio Ubertini presented a report on the three workshops on “Water: A Priority for Latin American Countries” organized by the Italian National Committee of ICID (ITAL-ICID) in cooperation with the Instituto Italo Latino Americano.

The National Committees of Brazil, Uruguay and Mexico will be exploring the possibility to organize the 4th American Regional Conference.

Item 11 : Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)

The 60th IEC meeting held at New Delhi approved the proposal to rename the ‘Special Work Team on Aral Sea Basin (ST-ARAL)’ as the ‘Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST)’ with a new mandate and action plan. The WG held its first meeting in Yogyakarta.

The Chair, WG-IDSST presented his report at the meeting.

Item 12 : Special Work Team on Lake Chad Basin (ST-LCB)

The tenure of the ST was extended by two years (up to 2011) to complete its mandate. The ST would like to concentrate on the issues brought out in the background paper circulated by Lake Chad Basin Commission and to contribute effectively on “Climate Change and Irrigation” with a focus on Africa.

Due to the absence of the Chair and scarce attendance of members at Yogyakarta meeting, the agenda could not be transacted.

Item 13 : Committee on Congresses / Conferences (C-CONGR)

The Committee noted that the topics and subtopics for the 21st Congress had been finalized and the General Reporters and Panel of Experts were appointed. The Committee reviewed the preparations for the 3rd African Regional Conference in Mali to be held in September or December 2011, 24th European Regional Conference to be hosted in Orleans, France in March 2011, and 25th European Regional Conference to be held in The Netherlands in May 2011.

Item 14 : Working Group on Young Irrigation Professionals Forum (WG-YPF)

The Committee noted that the young professionals have been increasingly playing an important role in ICID activities and urged all the National Committees to support and encourage young professionals to attend ICID events.

Item 15 : New Workbodies

Committee noted the establishment of two new Task Forces, viz. “Sedimentation of Reservoir”, and “Water for Bio-Energy and Food”.

Mr. Laurie Tollefson, Canada is the Chair of the TF-BIO-ENERGY. Nominations were invited from National Committees for the TF membership. The TF held its first meeting on 12 October at Yogyakarta.

Committee also noted the background paper ‘*Capacity Development for Irrigation and Drainage: The role for ICID*’ prepared by Prof. Tom Franks, former Chairman of erstwhile WG on Capacity Building, Training and Education (WG-CBTE). Prof. Franks has brought out that ICID needs to remain active in the field of capacity development for irrigation and drainage in partnership with others and support innovative and effective approaches to capacity development. He suggested that it may be appropriate for ICID to reconsider and re-engage with the topic.

The Committee also noted the workshop organized by UNW-DPC under the ‘Framework of Cooperation’ between ICID and UNW-DPC on 8-9 October, concurrently with the 6th ARC.

Item 16 : Strategy for Communication and Cooperation between ICID and Other Organizations

(i) Lead International Organizations

ICID has been in close cooperation with related International Organizations by attending their meetings and through communications. Some of the organizations with which ICID has close cooperation are - FAO, The World Bank, Asian Development Bank (ADB), African Development Bank (AfDB) through AgWA initiative, World Water Council (WWC) / World Water Forum, Global Water Partnership (GWP), International Fund for Agricultural Development (IFAD), International Commission on Large Dams (ICOLD), World Meteorological Organization (WMO), Third World Centre for Water Management (TWCWM), Asia-Pacific Water Forum (APWF), UN-Water / UNW-DPC, IPTRID, UN World Water Assessment Programme (WWAP), ISO, Global Subsidies Initiative (GSI), etc. ICID continues to host the International Water-related Associations’ Liaison Committee (IWALC) Secretariat in Central Office and the Secretary General renders coordinating support as its Secretary.

Committee was pleased to note developments in cooperation with international organizations like UNW-DPC, IFAD and FAO who have actively participated at Yogyakarta event.

Mr. Ganesh Thapa, Regional Economist of Asia and the Pacific Division of IFAD made a presentation on “Small-scale irrigation and poverty reduction in Asia” during the 6th ARC. Dr. Pasquale Steduto of FAO participated in a roundtable discussion on strategy to work on ‘Water for Food’ for the 6th World Water Forum held on 12 October 2011 at Yogyakarta.

It was agreed that ICID should preferably continue, on a reciprocal basis, to invite the related international organizations as members or observers while endeavoring to join other international organizations as member or observer, when invited.

The Committee requested all members to explore more avenues for cooperation and communication with likeminded international water-related organizations. It was emphasized that, if sponsored projects with the financial support of donors could be undertaken with joint partnership of other global organizations, ICID’s value will enhance and also strengthen its finances.

(ii) Farmers and other Water Users

The importance to strengthen communication and cooperation between ICID and farmers and other water users was once again noted by the Committee.

The Committee encouraged all the National Committees to involve farmers / water user associations in their activities, prepare simple publications / booklets on current topics of irrigation, drainage and flood management in local language and distribute among farming community. The National Committees could also compile information on the irrigation / drainage equipments / products in their countries, manufacturers, prices, operation manuals, etc. and bring out catalogues for the benefit of farmers. National Committees may organize technical workshops focused on matters of interest to farmers, such as water rights / law, economic / financial aspects etc.

(iii) Membership of International Organizations, Private Companies and Manufacturers

On the membership of International Organizations, Private Companies and Manufacturers, PCSPOA has discussed the suggestion of the internal review of PFC and has principally agreed and recommended to carry out detailed internal analysis (providing benefits for the new membership categories, work out how it fits to our internal structure) and external market analysis on this.

PCSPOA recommends to work out the direct ICID membership possibility for those International Organizations, Private Companies and Manufacturers which are unable to obtain membership through a National Committee.

C. NEW ITEMS

Item 17 : 6th World Water Forum (WWF-6), Marseille, France, 16-22 March 2012

The 6th World Water Forum will be held in Marseille, France from 16-22 March 2012 on the theme “*Solutions for Water*”. President Hon. Bart Schultz, who spearheaded ICID contributions to the 5th World Water Forum, will coordinate ICID inputs to the 6th World Water Forum through a Task Force constituted for this purpose by following the past practices. The first meeting of the Task Force was held on 12 October at Yogyakarta to chalk out framework of activities and a work plan.

Dr. Pasquale Steduto, Chief, Water services, Land and Water Division, FAO has participated in the round table meeting. FAO has oorganizedd the first informal meeting of key stakeholders at the World Water Week in Stockholm in September 2010. Following the positive experience of the last Forum (WWF5) in Istanbul, it is apparent that FAO sees ICID as a key partner in such global events and reinforce this relationship further.

Item 18 : Any other business

With regard to the possibility of adjusting the term of “PCSPOA” into a straight forward term related to its mandate, PCSPOA recommends to use the term “Permanent Committee on Strategy and Organization (PCSO)”.

Minutes of the Seventeenth Meeting of the
ASIAN REGIONAL WORKING GROUP (ASRWG)
 Yogyakarta, Indonesia
 11 October 2010: 09.00-12.30 hours

Year of Establishment: 1996

Mandate: The general objective of the Asian Regional Working Group is to focus on common topics and issues and to enhance the transfer of appropriate technology in irrigation and drainage to and from the Asian Region. The mission of ASRWG is to encourage membership in Asia and to coordinate activities in the region.

Members: (1) Vice President Hon. Karim Shiati, Chairman, 2006 (Iran, 1997) represented by Mohammad Sadegh Jafari; (2) Mr. Tai-Cheol Kim, Vice Chairman, 2007 (Korea, 2006); (3) Mr. Anthony J. Horton, Secretary, 2007 (Australia, 1997) represented by Mr. Ian Moorhouse; (4) Mr. Sheng-Feng, Kuo (Chinese Taipei, 2001); (5) Mr. Taner Kimence (Turkey, 2006); (6) Vice President Shinsuke Ota (Japan, 2006); (7) Mr. Mohd. Abdul Nassir bin Bidin (Malaysia, 2007) represented by Mohd Azmi Ismail; (8) Mr. Wang Xiaodong (China, 2008) represented by VPH Dr. Gao Zhanyi.

Observers : (1) Dr. Harumi Saito (Japan); (2) Mr. Kunihiro Naito (Japan); (3) Jaekyoung Noh (Korea); (4) Hyuntai Kim (Korea); (5) Seok-Woo Lee (Korea); (6) Jin-Hoon Jo (Korea); (7) Jaerok Shim (Korea); (8) Sukgun Yoon (Korea); (9) Gadhag Swastpastu (Indonesia); (10) Uttam Raj Timilsina (Nepal); (11) Tetsuya Oishi (Japan); (12) Yasushi Fukuda (Japan); (13) Hasan B. Yuksel (Turkey); (14) Dr. Mohd Amin Mohd Soom (Malaysia); (15) Hayati Bt Zainal (Malaysia); (16) Dr. Fransisca Mulyantari (Indonesia); (17) Herman Idrus (Indonesia); (18) Sutisna Pikrasaleh (Indonesia); (19) Chris Bennett (Australia); (20) Ruey-Chy Kao (Chinese Taipei); (21) Chun-Yi Liu (Chinese Taipei); (22) Zare Abbas (Iran); (23) Shin Takano (Japan); (24) Mathura Dangol (Nepal); (25) Dr. Ray Shyan Wu (Chinese Taipei); (26) Kuang-Ming Chuang (Chinese Taipei).

Website: <http://www.asrwg.icidonline.org/>

In absence of VPH Karim Shiati, Chairman of WG, Vice-chairman Mr. Kim chaired the WG meeting.

Item 1 : Confirmation of the minutes of the 16th meeting of ASRWG

The minutes of the 16th meeting of the Working Group held at New Delhi in December 2009 were confirmed.

Item 2 : Membership of the Working Group

The following nominees were neither present during the meeting at New Delhi (2009) nor at Yogyakarta (2010) and hence their nominations were deferred till the next meeting in 2011:

- Mr. Hanan Itzkovitch (Israel)
- Engr. H.M. Jayatillake (Sri Lanka)

Dr. Tapas Kumar Biswas was nominated by the Australian National Committee of ICID for the membership of the WG. Dr. Biswas was not available during the meeting and hence his nomination was deferred till next meeting 2011.

The nominees from Nepal, Thailand and Uzbekistan have not been contributing to the activities for more than three years. The Central Office may seek fresh nominations from these National Committees.

Item 3 : To discuss future Work Plan**3.1 New Country Membership in ICID**

Mr. Kelzang Tenzin (Bhutan) had shown interest in joining the ICID membership and sought the necessary information (28th August 2010). In response, the Central Office provided all the necessary information for ICID membership (1st Sept. 2010).

It was suggested by the chairman that DPR Korea (North Korea) may be included in the list of non-member countries while sending invitation letters to them. North Korea is known to be much interested in the water and food security.

3.2 Three-year rolling work plan

At the moment, members of the ASRWG may concentrate their efforts on completing the tasks emerging from Asian Regional Task Force on Climate Change. After releasing the relevant document on the subject at WWF-6, Marseille, France in 2012, members could discuss to organize new Work Team on a new topic at Adelaide, Australia in 2012.

Item 4 : ASRWG Homepage

All the members were further encouraged to strengthen the network linkages and to act in cooperation with each other. To continue the networking further, the Central Office may continue to contact all National Committees (except Australia, Chinese Taipei, Iran, Malaysia, Thailand and India) to establish their own URL and develop network linkages between various NCs pertaining to the Asian region.

The Chairman requested other National Committees to provide their links (URL) to the Central Office.

Item 5 : Work on the Basin-sharing Model for Mekong River

The documents on the Basin-sharing model for Mekong River have been circulated by the Central Office to the members of the WG for their information and perusal.

Secretary General M. Gopalakrishnan informed the members about further development on the Basin-sharing model for Mekong River.

Item 6 : Linkages with Regional and Transnational Organizations for Cooperation**6.1 International Water Management Institute (IWMI)**

The WG members noted the good collaboration between IWMI and ICID at the New Delhi meeting (2009). One of the key topics of interest to ASRWG was the IWMI's research program on "Trends in Asian Irrigation". A Special Session on the theme of "Future of Irrigation in Asia" was organized during the 5th ARC to introduce their research project findings. National committees are urged to look at IWMI documents to review and give feedbacks to the Chairman and the Central Office for discussion during the next meeting of the WG in 2011.

6.2 Food and Agriculture Organization of the United Nations (FAO)

The WG had suggested in the last meeting (2009) that project programs related to agriculture and water would be developed. Secretary General M. Gopalakrishnan informed the members about his plans to meet FAO staff in Nov. 2010 to explore the possibilities of mutual projects. The Central Office may continue contacting Dr. Siegert to explore possibilities of mutual projects.

6.3 UN – WATER

ICID, as one of the partners of UN Water, had been playing an active role upon invitation. The close liaison with UN Water has enhanced ICID's role and visibility in all issues linking agricultural water management, future water challenges with external drivers like climate change, global financial crisis and bio-fuel compulsions. ICID has joined

the UN-Water Task Force on Water & Climate through WG-CLIMATE and Task Force on Climate change and irrigation (ARTF-CC) of ASRWG.

6.4 ICID / UNW-DPC Cooperation on Capacity Development in Agricultural Water Management

A Workshop on AquaCrop model had been conducted during 8-9 October 2010 at Yogyakarta. Users of AquaCrop model will come up with the suggestions on the improvement of the model.

Item 7 : Possibilities of developing cooperative arrangements with International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)

Dr. Kim Tai-Cheol (Korea) briefed the activities of the INWPEF and PAWEES in the meeting. Especially he introduced the joint INWPEF-PAWEES Symposium and also activities of the 7th INWPEF steering and the 9th PAWEES meeting to be held from 26 to 28 October 2010 in Jeju, Korea.

Item 8 : Asian Regional Task Force on Climate Change and Irrigation (ARTF-CC)

Vice President Dr. Ota (Japan) presented the interim outcome of the Asian Regional Task Force on Climate Change and Irrigation (ARTC-CC) in the meeting. Dr. Harumi Saito (Japan), Mr. Taner Kimence (Turkey), and Dr. Fransisca Mulyantari (Indonesia) presented their case studies.

Other National Committees were requested to make their presentation of case studies and urged to devote themselves to the studies for the Task Force on Climate Change and Irrigation.

Item 9 : Feedback from the 5th Asian Regional Conference

The WG members noted the information on the 5th Asian Regional Conference (ARC) during 9-11 December 2009 at New Delhi, India. In addition, several special sessions and workshops were also held.

Item 10 : The 6th Asian Regional Conference

The 6th ARC is hosted by Indonesia National Committee (INACID) from 10 to 16 October 2010 at Yogyakarta, Indonesia. The theme for the 6th ARC is "Improvement of Irrigation and Drainage Efficiency through Participatory Irrigation Development and Management under the Small Land Holding Conditions". Members were highly recommended to actively participate in the conference.

Item 11 : The 7th Asian Regional Conference

Mr. Ian Moorhouse, the representative from Australia, made a presentation on the general information including the water management of Murray-Darling Basin and the preparation of the 7th ARC under the theme of "Regional cooperation for water and food security" in Adelaide, Australia from 23 to 28 June 2012 and all the members were invited to participate.

Item 12 : Any other business

The Turkish NC presented a proposal to host the 8th ARC in 2013 at Antalya, Turkey.

The Korean NC presented the first announcement of 22nd International Congress of ICID scheduled to be held in Seoul, Korea in 2014.

Minutes of the Fifth Meeting of the
SPECIAL WORK TEAM ON LAKE CHAD BASIN (ST-LCB)
 Yogyakarta, Indonesia
 11 October 2010: 09.00-12.30 hours

Year of Establishment: 2005

Completion of the Mandate: 2011

Mandate:

- To assist in the establishment of broad based ICID National Committees in each of the Lake Chad Basin country;
- To obtain and disseminate information on the problems of Lake Chad Basin to other ICID member countries with similar problems;
- To organize national and international discussions on related scientific and technical issues in the basin; and
- To co-operate with other international organizations in related activities.

Member Present: Er. M. Gopalakrishnan, Secretary General, ICID

Observers: (i) Dr.T. Watanabe (Japan); (ii) Mr. Maurice Roos (USA); (iii) Mr.Masayoshi Satoh (Japan); (iv) Mr. Rachmod Jayadi (Indonesia); (v) Dr. S.A. Kulkarni, Executive Secretary, ICID Central Office.

Website: <<http://www.st-lcb.icidonline.org>>

Note: In absence of the Chairman and other members from Africa, the meeting was initiated by Secretary General M. Gopalakrishnan. He discussed with the observers present at the meeting on some of the items of the agenda.

Item 2 : Membership of the Special Work Team

Dr. Tsugihiko Watanabe (Japan) was nominated by the JNC-ICID for the membership of the ST. In view of the continued interest shown by Dr. Watanabe since last two meetings, it was proposed to accept his nomination for the membership.

Since Dr. Mossi Maiga Illiassu (Niger) was not present at the meeting, his nomination was deferred to Tehran meeting.

Item 3 : Tenure of the Work Team

The ST is to complete its mandate by 2011. There was no progress in the activities of the ST as the last two meetings (New Delhi, 2009; and Lahore, 2008) could not be held due to non-attendance of the members.

In view of the above, it is proposed to merge the Team to AFRWG by transferring some of its key activities, if it is agreed by the AFRWG and PCSPOA.

Item 8 : Any other business

Dr. Watanabe volunteered to act as a liaison person between ICID and International Lake Environment Committee Foundation (ILEC) if agreed by ICID. He circulated a flyer about 14th World Lake Conference to be held in Austin, Texas during 7-11 November 2011.

Minutes of the Twenty-first Meeting of the
AFRICAN REGIONAL WORKING GROUP (AFRWG)
11 October 2010: 13.30-17.00 hours
Yogyakarta, Indonesia

Year of Establishment: 1994

Mandate: To promote links and networking among the African countries as well as regional and international institutions for enhancing cooperation and coordination, and to support integrated river basin development, training and research issues and information system for African needs.

Members present: (1) Mr. Adama Sangare, Chairman, 2009 (Mali, 2008); (2) Dr. Andrew Sanewe, Vice Chairman (2009); and (3) Secretary General, ICID represented by Dr. S.A. Kulkarni, Executive Secretary, ICID.

Permanent Observers: (i) Mr. Adama Ouedradgo, ARID representative; and (ii) Mr. F.B. Reinders, SARIA representative (South Africa).

Members Honoraire present: (i) President Dr. Chandra Madramootoo (Canada); (ii) President Hon. Peter S. Lee; (iii) Vice President Dr. Samia El-Guindy (Egypt); and (iv) Vice President Hon. Dr. M.H. Amer (Egypt).

Observers: (i) Mrs. Kouyate Goundo Sissoka (Mali); (ii) Mr. Niken Pospitasari (Indonesia); (iii) Mr. Jonla Marsella (Indonesia); (iv) Mr. Jan Petgietei (South Africa); (v) Mr. Gadhing Swastyasto (Indonesia); (vi) Bamba Alioy (Mali); (vii) Mr. Kamran Emami (Iran); (viii) Mr. Bouarfa Sami (France); and (ix) Mr. Maurice Roos (USA).

Website: <<http://www.afrwg.icidonline.org>>

Item 1 : Confirmation of the minutes of the 20th meeting held at New Delhi

The minutes of the 20th meeting were confirmed by the members.

Item 2 : Review of membership of the group, permanent observers, and countries

2.1 Membership of the Group

The Group accepted the nomination of Vice President Dr Samia El-Guindy (Egypt) as a member of the AFRWG. No additional new nominations were received/ made at the meeting.

2.2 Membership of African Countries

The Central Office received a request for membership from Cameroon. Cameroon was not represented at the meeting and has not yet paid the subscription fees to ICID. Presently, only 8 African countries are active in ICID. Recently, three countries (Burkina Faso, Cameroon, and Chad) were admitted to ICID but have not yet paid their first membership subscription.

Dr. S.A. Kulkarni, Executive Secretary explained the formula used by ICID to calculate membership subscription to be paid by a country. In case of inactive national committee, he said that it is possible to pay the subscription amount from the date of its reactivation and to write off past debt/ arrears, but this has to be approved by the Permanent Finance Committee (PFC).

The meeting was informed that ARID sometimes holds meetings and workshops to encourage national committees to become active, but this was dependant on getting donor funding. SARIA has also been holding workshops and meetings to encourage member countries to establish national committees and join ICID. The Central Office (CO) was kept informed regularly about this. ARID was requested to provide CO, ICID of any events and activities that they conduct. Dr. Kulkarni said that it is important that ARID and SARIA keep regular contact with ICID.

CONTINUING ITEMS

Item 3 : Progress on the implementation of the Action Program for Africa

3.1 Report of the Southern African Regional Irrigation Association (SARIA) Workshop, February 2010

SARIA organized a 3-day Symposium in Bloemfontein, South Africa in February 2010. Out of 15 SADC countries, only 10 countries represented at the symposium. All the countries that attended the symposium presented a paper on aspects related to smallholder irrigation. Participants of the symposium had a one-day visit to the neighboring country of Lesotho to see the Lesotho Highlands Water Project. SARIA also held its annual steering committee meeting where SARIA member countries signed the Memorandum of Agreement. A CD of the entire event was sent to ICID Central Office. Malawi, which is a SARIA member country, also held a symposium in July 2010. The Deputy Minister of Agriculture in Malawi attended the symposium. VPH Felix Reinders, Chairman of SANCID spoke about the functions of ICID and the activities of SARIA at the symposium.

3.2 3rd African Regional Conference, Mali, 2011

The 3rd African Regional Conference would take place during 13-15 September 2011 in Bamako, Mali. There would be technical tours on 16 September 2010 (Friday). The National Irrigation and Drainage Association of Mali (AMID) would host the conference with the theme, "*Food Security in Africa and Climate Change: Improving the contribution of irrigation*". The conference would have 3 sub-themes. It was suggested in the AFRWG meeting that the 1st sub-theme be expanded to include both irrigation and drainage. The organizers of the conference would expect 200 delegates and had estimated that the budget required would be US \$ 500,000. The government of Mali has approved the hosting of the conference and the Prime Minister of Mali would open the conference. The 3rd African Regional Conference would be conducted together with the SAFID exhibition. The President of ICID, Prof Chandra Madramootoo, said that ICID fully supports the conference and ICID would provide any assistance, if necessary. President Hon. Peter Lee encouraged the organizers of the conference to get in touch with AgWA and ask them to conduct their next meeting during the time of the conference.

Item 4 : Three-year work plan of the Group

Members of the AFRWG nominated one representative from ARID (Mr. Adama Ouedraogo), SARIA (Dr. Andrew Sanewe) and AMID (Mr. Adama Sangare) to submit contributions for the work plan for the next 3 years to Central Office before the end of December 2010. Central Office would then combine the submissions and circulate it to members of the AFRWG.

Item 5 : Cooperation with other Working Groups and International Organizations

5.1 ICID Working Groups

No meetings of the Special Work Team on Lake Chad Basin (ST-LCB) could be held both at New Delhi last year and in Yogyakarta this year. It was suggested at the meeting that the key items of the ST-LCB be included in the agenda of the AFRWG from the next year onwards. The Chairman, AFRWG would contact the Director General of Operations of the Lake Chad Basin Commission, Mr. Chaibou Mahaman and develop further action plan.

5.2 Focus on Africa

The AFRWG continued to reiterate the importance of reactivating the national committees in African countries. The AFRWG continued to request Central Office to facilitate contact between national committees and donors to support their activities. The "Preference for Africa" program needs to be enhanced and become more visible. Central Office has continuously communicated with inactive national committees to reactivate their membership and these efforts will continue.

5.3 Agriculture Water Partnership (AgWA)

It was proposed that the Sub-Regional Working Groups of the AFRWG i.e. SARIA and ARID should make an effort to participate in AgWA activities. The AFRWG needs to work more closely with AgWA and the organizers of the 3rd African Regional Conference (3rd AfRC) were requested to approach AgWA to hold their next meeting in Mali on the sidelines of the 3rd AfRC. It was brought out that the AFRWG needs to focus on building and strengthening professionals beginning with the countries of Morocco, Mali, South Africa, Senegal, Kenya, Egypt, Ethiopia, Nigeria, and Tanzania. The AFRWG will get in touch with international organizations such as FAO, IWMI etc for the contact persons in these countries.

5.4 UNW-DPC Workshop on AquaCrop, March 2010, South Africa

The UNW-FPC-FAO jointly held a successful workshop on 'AquaCrop' in Bloemfontein, South Africa in March 2010. Over 30 participants attended the workshop from different countries in Africa including South Africa, Zambia, Lesotho, Mauritius, Mozambique, Cameroon, Ghana, Zimbabwe and Malawi. The workshop was held at the University of Free State. Participants were trained in the practical use of the AquaCrop, the new crop-water productivity mode developed by the FAO.

5.5 Other International Announcements/ Initiatives

- **Africa Agriculture and Food Security 2010 Conference and Expo, Durban, South Africa**

The AFRWG was informed that the conference did not take place. Although delegates arrived from different countries around the world including Africa, the conference was poorly organized and was eventually cancelled. The conference organizers have been accused of fraud because they accepted funds from potential exhibitors, sponsorship and registration fees from delegates. The South African Police Services have opened a case of serious fraud against the conference organizers. The Chairman warned members to remain alert about such events in future.

- **1st Africa Agriculture and Water Dialogue – Cape Town South, Africa 2011**

This event is scheduled to take place at the end of March 2011. It was mentioned at the Working Group meeting that the conference had been moved from Cape Town to Gallagher Estate Midrand, Johannesburg South Africa, but this still was to be officially confirmed. The Working Group was informed that the organizers of the conference have received the endorsement of the South African Department of Water Affairs and NEPAD. They are in the process of obtaining the endorsement of the Department of Agriculture, Forestry and Fisheries. The conference organizers expect that 4000 delegates from around the world will attend. A ministerial roundtable is planned. The conference is being organized by IkapaMedia.

Item 6 : Publicizing Working Group's activities through a Newsletter and Other International Publications

The Working Group agreed to provide brief news items including future events and important publications to the Central Office for inclusion in the proposed AFRWG Newsletter. All members of the Working Group were encouraged to send one or two pages of information/ data for inclusion in the newsletter.

Item 7 : Website of the AFRWG

Chairman Mr. Sangare, informed members that the AFRWG webpage is active and encouraged them to access it. He urged all members to contribute to the webpage by sending the information/ news to the Central Office for uploading on the webpage with required changes and amendments.

Item 8 : Report of the Task Force for Identifying Priority Issues for Least Developed Countries (LDCs) in Africa

The final draft report on "*Irrigation Development Challenges for Least Developing Countries in Africa*" as brought out by the Central Office was circulated at the meeting. The Task Force assigned to compile the report has thus completed its activities and has concluded its mandate. WG suggested posting the report on its webpage for wider dissemination.

Item 9 : Any other business (with permission of the Chair)

- The Working Group decided that Mr. Adama Sangare Chairman of the AFRWG and ViP Dr. Samia El-Gundy, form part of the 'Oversight Committee of AgWA'.
 - It was noted that the Global Water Partnership (GWP) has a new publication.
 - Egyptian National Committee (ENCID) proposed to host an International Drainage workshop (IDW) in Egypt in 2012. The workshop would look at drainage needs and future priorities.
 - It was suggested that the AFRWG should plan to compile a comprehensive list of contacts of irrigation and drainage institutions/ professionals from different countries in Africa.
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Minutes of the First Meeting of the
**WORKING GROUP ON 'IRRIGATION AND DRAINAGE IN THE STATES UNDER
 SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)**
[Erstwhile Special Work Team on Aral Sea Basin (ST-ARAL)]
 Yogyakarta, Indonesia
 11 October 2010 : 13.30-17.00 hours

Year of Establishment: 2009

Completion of the Mandate 2015

Mandate:

- to develop and strengthen the network among the countries of transition;
- to organize monitoring and evaluation of common problems in the States that belong to transition economy;
- to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population;
- to summarize the experiences in overcoming negative tendencies in organizing public-private partnerships, implementation of IWRM and broad-basing of stakeholder;
- to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Caspian Sea), salinization and water logging, etc.;
- development of appropriate advance irrigation and drainage technology in transition states and its dissemination through capacity building;
- to promote farmer's training to create awareness about irrigated and drainage agriculture.

Members present: (1) Vice President Peter Kovalenko, Chairman (Ukraine, 2009); (2) Prof. Dr. N. Hacho (Japan, 2009);

Member Honoraire Present: (i) Dr. Eiko Lubbe, Vice President Hon., ICID (Germany); (ii) Dr. Laszlo G. Hayde, Vice President, ICID (Hungary).

Observers: (i) Ilmar Tupits (PMA); (ii) Mr. Mati Tonismae (Estonia); (iii) Hannes Puu (Estonia); (iv) Alexander Melnikov; (v) Yori Yanko (Russia); (vi) I Wayan Budiaja (Indonesia); (vii) Dr. Joachim Quast (Germany); and (viii) Dr. Tarek Kotb (Egypt).

Item 1 : Confirmation of the minutes of the 16th meeting (last) of ST-ARAL

The minutes of the 16th meeting (last) of ST-ARAL held at New Delhi in December 2009 were confirmed.

Item 2 : Review of the membership of the Working group

2.1 New nomination

Mr. Ernazarov Nazimjon (Uzbekistan) was not present (*and not represented also*). His nomination was deferred till next meeting in 2011.

The Ukrainian National Committee (UACID) proposed Mrs. Kateryna Shatkovska for the membership of the WG as a young professional working in the sphere of irrigation and environmental protection. Her CV was available at the meeting and the group elected as member of the WG.

2.2 Existing membership

Chairman Prof. Kovalenko proposed to involve all members who were in ST-ARAL to participate in the new group.

Chairman Prof. Kovalenko took the opportunity also to request for new nominations and proposed to use the ICID events for disseminating information of the group. During forthcoming ICID conferences/ congress, a great opportunity to fulfill it will be available. It will be useful to publish the announcement in the ICID News as well as on the ICID website.

There is a proposal that the two NCs – Ukrainian and Uzbek will prepare the necessary short information for publishing it in the ICID News and on the website of ICID. He proposed to seek the President and the Secretary General to afford such opportunity as possible to expand WG membership.

2.3 Secretary

The Chairman recommended the nomination of Ms. Kateryna Shatkovska (Ukraine) as Secretary of the new WG. She is a promising young professional who has just finished her PhD work, participated in some international conferences and took some international courses on the subject of Water Management and Environmental Protection.

NEW ITEMS EMERGING FROM THE NEW MANDATE

Item 3 : Develop and strengthen the network among the countries of transition

For the implementation of this task, it is proposed to observe the following possible actions in the frame of our WG activities:

- forming a core executive team of the WG with its base in the Ukrainian and Uzbek National Committees of ICID; establish permanent communications between the Chairman, the Vice Chairman and the Secretary of the WG as well as with the most active members of the group for the strategic planning of WG activities;
- establishing permanent communication links by email and an Internet portal between the WG members and other interested parties;
- exchanging the information concerning the fields of activities of members' organizations and results of their most interesting and significant past and current both local and international projects, activities and publications;
- analyzing and identification of common and specific problems in irrigation and drainage sphere by comparison of transformation processes and current situations in the countries which have already passed or still are under the influence of social-economic transformation processes. With that goal in view, a questionnaire for monitoring and evaluation of the problems in the sphere of irrigation and drainage has been formulated (see item 4);
- to develop a proposal for implementation of a small project with regard to the capacity building of the WG activities, which is supposed to consist of an analytical information part and organization of WG workshop combined with one of the European ICID events in March or May 2011, when the 24th and 25th European Conferences of ICID will be held in France and in the Netherlands. The expected results of the project will be a consolidation of networking activities within the WG and drafting the proposal for a larger joint project. The draft proposal for the small project on the capacity building is given below.

The Chairman and Vice Chairman would approach the Central Office of ICID for suggestions and support to organize a 'small capacity building project'. During the meeting, the Chairman informed some preliminary ideas for such a small capacity building project with the members.

The main goal of the project will be to start the real work of the WG by strengthening of networking and communication capacities of the group and finding the financial support for an implementation of the main tasks of the WG. The financing can be found through the formulation of large networking project for the creation of joint information base for all member countries, making benchmarking of legislations and institutional developments as well as the innovations implemented in the sphere of water management, irrigation and environmental protection in the member countries. To work jointly for formulation of such

project proposal and its promotion, the defined common actions will be needed. For this purpose, it is proposed that there will be a need for one or two additional meetings involving some core experts, some dissemination and communication activities as well as the exchange of drafts and their common elaborations with further common agreement. For formulation of the project proposal and holding a workshop approximately \$30 000 will be required. It can be organized during the ICID forthcoming events in March or May 2011 or independently at any other time in Kiev.

The possible objectives of the small supportive capacity building project can be the following:

- to organize the core group of experts from the member countries to work at the project proposal and development of the WG capacities.
- to analyze and summarize the basic information given by member countries to learn more deeply and efficiently their situation and problems in irrigation and drainage sector as well as water management in general.
- to formulate the proposal for a large networking project that will be focused upon developing recommendations on restoration and development of irrigation and drainage sector in the countries under social – economical transformation.

He proposed to seek the support of the President of ICID and the Central Office to promote such an initiative of the WG and help find financial support from the World Bank or other available sponsoring organizations.

Item 4 : Monitoring and evaluation of common problems in States with transition economy

For monitoring and evaluation of the current situation in the member countries and identification of common and specific problems, Chairman Kovalenko proposed two types of formats for dissemination (*among member countries*). During the meeting he circulated the draft formats and requested members for their remarks/ supplements/ corrections on the draft by end of November. After making a final version of the format of the document it will be circulated to all member countries for filling-up. After collecting and analyzing the filled in formats, a special document with the description of specified common problems and features will be developed in the frame of a small WG project (see Item 3) and further presented at the WG workshop during the forthcoming European ICID events in 2011.

Item 5 : Create database on Irrigation and Drainage in the countries of transition

For creating data and knowledge base, it is proposed to use the experience of the CAREWIP project and other international projects. This task can be incorporated in the project proposal that will be developed in the frame of the small capacity building project.

Item 6 : Develop public-private partnerships and implementation of IWRM

A discussion on good practices of public- private partnership in the sphere of irrigation and drainage and within the IWRM projects in different countries will be organized. The process of identification and analysis of the most efficient economical and organizational tools and approaches on PPP will be organized and used for the Guidelines or general WG publications later on. The experiences of developed and developing countries will be welcomed. For this purpose, the group proposed to get into contact with the other ICID Work Bodies.

Item 7 : Identify and monitor problems (ecological situation) of closed basins

Chairman Prof. Kovalenko proposed to use the Aral basin countries' experience as background information for starting discussions on the problems in different closed basins which are the objects of national or international importance in different European and Asiatic countries. The above mentioned format of water management issues can help to indentify the possible hot spots and promote with the discussions on the ecological problems typical for the closed basins. He proposed to use the format number two to start such a discussion. Later on, one can see whether we should organize a separate project for formulating policy messages on this subject or make some join publications on this issue in frame of a separate small project.

VP Kovalenko also informed that he has a great chance to cooperate with another big initiative at the European level that called "Europe INBO". He participated in the first meeting of this initiative in France from 23-25 September 2010. The former member countries of the Union of Soviet Socialist Republican (USSR) were invitees to join the activities in the frame of this initiative. For this purpose, the Association of National River Basins Organizations from the countries of Socio-Economic Transformation had been established. He felt that a great opportunity to cooperate with the above mentioned initiative/Association exists using their results and databases.

Item 8 : Development of appropriate advanced irrigation and drainage technologies

The following strategic questions are proposed to discuss on these items:

- innovations in water and energy saving technologies;
- integration of GIS, modeling and land survey in new type of DSS for water management in irrigation and drainage and evaluation of its efficiency;
- technologies for intensive and extensive irrigation;
- advanced constructions, materials and technologies for watering;

VP Prof. Kovalenko proposed to get into contacts with the other WGs of ICID to accumulate all available knowledge and experiences on development and implementation of innovations in the sphere of irrigation and drainage research and practical work. In this case, he would try to develop the matrix of innovative products that can be recommended for implementation in the countries in the course of different tasks solving.

Item 9 : Create awareness about irrigated (drained) agriculture (capacity building)

For this purpose, it would be nice to accumulate the information with regard to all existing in the countries and worldwide capacity building methodologies and tools: international and national dialogues, regional platforms, development of advisory services, role of NGOs, methodology on involving stakeholders, development of water governance, training facilities etc. Chair requested all members to provide such information as available so that he can analyze and make suitable recommendations for raising tasks awareness, select the most suitable approaches for the conditions of the transition countries in view of their specific cultural and social- economic features etc.

Young professionals' exchange and involving them in the WG activities is of great concern and importance. He requested once again to all NCs to nominate one young professional from each NC to participate in the WG. Later the Chairman will try to organize an international summer school for the young professionals involved in the WG activities.

Item 10 : Any other business

- **UNESCO Water Portal Newsletter No.232**

The group noted the release of UNESCO Water Portal Newsletter no.232 and requested all members to visit the website <<http://www.unesco.org/water/news/newsletter/232.shtml>>.

- **Lower Danube Conference**

The group noted the information on the above conference.

Minutes of the Sixteenth Meeting of the
WORKING GROUP ON YOUNG IRRIGATION PROFESSIONALS FORUM (WG-YPF)
 Yogyakarta, Indonesia
 12 October 2010 : 09.00-12.30 hours

Year of Establishment: 1993

Mandate:

- To provide an international platform for young irrigation and drainage professionals and to encourage and promote a high standard of professional development in the subjects of irrigation, drainage and environment.
- To facilitate the development, acquisition and wider dissemination of knowledge and information about irrigation, drainage, flood management and environment amongst the young professionals.
- To maintain and enhance links with national and international youth having interests in the related subjects or the activities relevant to ICID objectives.
- To educate young professionals about ICID's role, objectives, activities, structure, constitution and By-laws.

Members Present: (1) Mr. Ali Reza Salamat, Interim Chairman, 2009 (Iran, 2000) represented by Mr. Yaser Barghi; (2) Ms. Jianxin Mu (China, 2003) represented by Fengxin Wang; (3) Mr. Bennie Grové (South Africa, 2003) represented by Dr. Yacob Beletse; (4) Mr. Velayudan, Sv., Kalaiselvam (Malaysia, 2006) represented by Ms. Hayati binti Zainal; (5) Mr. Homan Khaledi (Iran, 2009); and (6) Dr. Takanori Nagano (Japan, 2009) represented by Dr. Katsuyuki Shimizu.

Member Honoraire Present: Mr. Aly M. Shady, President Hon., ICID (Canada).

Observers: (1) Nul Hanif Utama (Indonesia); (2) Rahmad Yuhendra (Indonesia); (3) Erigas Ekputra (Indonesia); (4) Tetsuya Oishi (Japan); (5) Jabbar Azizbeigi (Iran); (6) Tesar Hidayat (Indonesia); (7) Jingwei Wu (China); (8) Mohd Azmi Ismail (Malaysia); (9) Guangyong Li (China); (10) Leo Sembiring (Indonesia); (11) Ovedraogo Adomo (ARID); (12) Yenesew Mengiste (The Netherlands); (13) Patel Ramanagowda (India); (14) Dr. Krishnamurthy N. (India); (15) Abolghagsem Aghasafari.

Website: <<http://www.wg-ypf.icidonline.org>>

As the Interim Chair and Secretary of the WG were not present, Dr. Vijay K. Labhsetwar, Director, ICID introduced the WG to members present and invited Mr. Yaser Barghi from IRNCID representing Mr. Ali Reza Salamat, Interim Chairman to conduct and Chair the meeting.

Item 1 : Confirmation of the minutes of the 15th meeting of the WG-YPF

The minutes of the 15th meeting of the working group held in Dec 2009 at New Delhi, were confirmed.

Item 2 : Review of the membership of the Working Group

2.1 Membership of the Group

(a) Past nominations

The following nominees were neither present during the meeting at New Delhi (2009) nor at Yogyakarta (2010) and hence their nominations were deferred till the next meeting in 2011:

Ms. Kartabayeva Irina Anatolyevna (Kazakhstan)
 Mr. Nikolay Akhmatovich (Russia)
 Engr. Muhammad Ejaz Tanveer (Pakistan)

(b) New nominations

Nominations for membership:

- Dr. Yacob Beletse (South Africa): He was present and he introduced himself and his background to the members and observers – there were no objections. Nomination was approved.
- Mr. Yaser Barghi (Iran): He was present and he introduced himself and his background to the members and observers – there were no objections. Nomination was approved.
- Dr. Katsuyuki Shimizu (Japan): He was present and he introduced himself and his background to the members and observers – there were no objections. Nomination was approved.
- Ms. Hayati binti Zainal (Malaysia): She was present and she introduced herself and her background to the members and observers – there were no objections. Nomination was approved.
- Mr. Ir. Fabian Priandani (Indonesia): Nul Hanif Utama represented Mr. Priandani. Mr. Utama introduced Mr. Priandani to the members and observers – there were no objections. Nomination was approved.

Chairman then formally welcomed new members to the Working Group meeting.

(c) Non-attendance/ contribution

From the attendance and contribution record of Central Office, it was observed that Dr. Nariman Shamsutdinov (Russia) and Ms. Nepveu de Villemarceau Audrey (France) have neither attended the meetings of the Working Group nor contributed to the activities of the WG through correspondence for the last two consecutive years (2008 and 2009). Fresh nominations may be invited from the concerned National Committees with an assurance that the new nominees would contribute to the activities of the WG.

2.2 Election of Chair and Vice Chair and Secretary

The issue of election of new Chair, Vice Chair and Secretary was raised due to the necessity of having to move the WG-YPF forward and organize WG activities in cooperation with new members. As a result, Mr. Yaser Barghi (Iran) was proposed and elected as the new Chairman with agreement of the members. Also, Ir. Fabian Priandani (Indonesia) was proposed and elected as the new Vice Chairman with agreement of the members and finally, Ms. Hayati binti Zainal (Malaysia) was proposed and elected as the new Secretary with agreement of the members.

CONTINUING ITEMS

Item 3 : Review of the progress made by the National Committees in establishing Young Professionals Forum (YPF)

During the meeting representatives from Japan, Malaysia, Indonesia and Iran having already established WG-YPF in their NCs, informed the attendees about their work and progress.

The Chair encouraged the NCs to establish Young Professional Fora in their NCs. Chair/Central Office will continue to pursue the matter with more NCs.

Item 4 : Review of the progress on preparation of a directory of Young Professionals

Ms. Hayati (Malaysia) mentioned that they have prepared and forwarded their directory (vide email of 27 September 2010) to the Central Office. The chair requested all NCs to develop such directories or expand and update their previously-made directories.

Item 5 : Establishment of a Network of Young Professionals through development of a web-based platform

During the 14th meeting, the updated WG website www.wg-ypf.icidonline.org had been demonstrated and Dr. Maurits Ertsen (The Netherlands) had demonstrated the online web-based platform.

Since Dr. Ertsen was not present in this meeting, Mr. Yaser Barghi will contact him and follow up on the issue.

Item 6 : “How to activate Young Professionals”

Some initiatives, as given below, have been taken so far to activate young professionals in ICID activities.

- Nomination of a young professional from each National Committee as an additional member in each Working Group of ICID;
- Contribution of papers by young professionals for publication in ICID Journal; and
- Participation/nomination of young professionals in WatSave Awards.

The above-mentioned initiatives were highly appreciated, but also some other measures were brainstormed by the members and the observers which could be considered:

- Selection of one university in each country by the concerned NC to have close cooperation with Young Professionals.
- Using new international media like Facebook, since young people are more interested in such brand-new technologies.
- Making obligatory to NCs to nominate an additional young member in each Working Group of ICID.
- NCs shall ensure the participation of young professional member in their delegation to ICID events.
- Full waiver of registration fee to WG-YPF member as well as other young professionals participating in the ICID events.
- Providing sponsorship and inexpensive accommodation to WG-YPF members, when possible.

It was decided to take up the matter with PCSPOA and follow up with Central Office and NCs to encourage young professionals' participation in ICID events.

Also the attendees were encouraged to have aggressive approach but voluntarily take part in activities of WG-YPF.

Item 7 : Current activities of YPF members

The Indonesian representative mentioned about YPF-INACID activities since its revitalization in May 2010. Soon after, the YPF-INACID carried out a seminar with the theme: “*Sustainable Development and Management of Water Resources*” on 23 June 2010. The committee invited young professional to contribute to the seminar and the response was overwhelming. There were 40 proposals submitted and the “Top six” were presented and discussed in the seminar and the top two were rewarded with special awards.

During this 61st IEC and the 6th ARC of ICID in Yogyakarta, YPF-INACID also will host the first international seminar intended for young professional on 15 October 2010. It has planned to bring 14 speakers, one of them from Japan while the rest from Indonesia. Although only one speaker is from Japan, this seminar is viewed as an emerging step and the basis for the next ICID International forum in Iran, where speakers from other YPFs are expected to participate. On this occasion, YPF-INACID invited all the young participants to attend the seminar and enrich the proceedings.

The Malaysian representative explained about recent and current activities of YPF-MANCID and also informed about MANCID preparations for their “16th MANCO” - Malaysia Annual Conference of Irrigation & Drainage that will be held in February 2011.

The Iranian representative informed the attendees of the recent activities of YPF- IRNCID: (1) preparation of the books titled "Contemporary Water and irrigation Practices in Iran", and "An Introduction to Virtual Water", (2) publication of newsletter, (3) preparing for next YPF event in Iran in 2011,(4) preparation of DVD covering all past activities performed by YPF-IRNCID.

Item 8 : Papers for Publication in the ICID Journal and ICID News

ICID News (earlier ICID Newsletter) is published quarterly. The chair requested the members to prepare and submit their papers for publication in the ICID Journal and News.

Item 9 : YPF Newsletter

The YPF Newsletter was disseminated among the members of the WG as well as observers. The electronic version of the Newsletter will be posted on the WG-YPF website for its easy access. All members of the Working Group were invited to provide information related to the activities of their YPF, so as to incorporate the same in the forthcoming issue of the YPF Newsletter. All National Committees were requested to send relevant news to Chair.

Item 10 : Encouraging Young Professionals for WatSave Awards

The Chairman stated that WatSave awards are being presented in 4 categories. One of the awards is allocated to the best work carried out by the young professionals in the field of water saving techniques. Chairman requested all members to compete in WatSave awards 2011 by sending their best works or performance in water savings through their NCs to ICID Central Office.

Item 11 : Any other business

The Chair informed the members of the 'Fellowship in socio-ecological research group' and 'IAL Travel Fellowship Award'. The Chair also invited all the members and the observers to the forthcoming ICID events including 21st ICID Congress in October 2011 at Tehran, Iran.

At the end, VP Dr. Willem Vlotman, Chairman, Australian National Committee presented an announcement of ICID's 63rd IEC meeting and 7th Asian Regional Conference in 2012 at Adelaide, Australia.

Minutes of the Twenty-First Meeting of the
COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)
 Yogyakarta, Indonesia
 12 October 2010 : 09:00-12:30 hours

Year of Establishment: 1990

Mandate: To recommend general improvement in conduct of Congresses/Conferences sessions; to recommend tasks and duties for General Reporters and Panel of Experts for Congress Questions and Special Session; to study and establish, if needed, the basic guidelines for recommending the tasks and responsibilities of National Organizing Committees; to establish appropriate procedures for selection of Congress Questions, Special Sessions and Symposia; to establish procedures for scheduling of most appropriate workshops, seminars, etc. to be held at the time of Congress; to make recommendations on the number and type of simultaneous meetings at Congresses/Conferences in order to improve effectiveness and attendance; to study and accord advice to the National Committees, for methods to adopted in each case for an effective follow-up of the Conclusions and Recommendations of Congresses/Conferences; and to make recommendations on printing the proceedings for distribution of abstracts in advance.

Members present: (1) Mr. Mohammad Kazem Siah (Iran, 2009), Convener represented by Vice President Hon. Dr. S. Nairizi (Iran); (2) Vice President Hon. Dr. A. Hafied A. Gany (Indonesia); (3) Vice President Dr. Willem F. Vlotman (Australia); (4) Ir. Jin-Hoon Jo, Korean Representative (KCID); (5) Ir. Bert Pijpers, The Netherlands Representative (NETHCID); (6) Dr. Adama Sangare, Malian Representative (AMID); and (7) Dr. Vijay K. Labhsetwar, ICID Central Office.

Observers : (i) Mr. Joong Dae Chol (Korea), (ii) Dr. Chris Bennett (Australia), (iii) Dr. Hun Sun Lee (Korea), (iv) Mr. M. Ehsani (Iran), (v) VP Prof. Lucio Ubertini (Italy), (vi) Mr. Chaiwat Prechawit (Thailand), (v) Dr. Arthon Suttigarn (Thailand), (vi) Mr. Aliou BAMBA (Mali), (vii) Dr. Sami Bouarfa (France), and (viii) Dr. Tai Cheol Kim (Korea), and (ix) Er. M. Gopalakrishnan, Secretary General, ICID.

Website: <http://www.c-congr.icidonline.org>

In absence of Mr. Mohammad Kazem Siah (Iran), Convener of C-CONGR, VPH Dr. Nairizi chaired and conducted the meeting.

Item 1 : Confirmation of minutes of the 20th meeting of the C-CONGR

The minutes of the 20th meeting of the C-CONGR held in December 2009 at New Delhi, India were confirmed.

It was agreed that the agenda would be adjusted to allow the combining of the items dealing separately with the IEC meeting reports and their associated Congress reports.

Item 2 : Review the membership of the Committee

The membership was reviewed and the Chairman welcomed Dr. Chris Bennett from Irrigation Australia Ltd.

Item 3 : ICID Congresses on Irrigation and Drainage

3.1 Review and discuss the preparations of the 21st ICID Congress and 8th International Micro Irrigation Congress (2011) at Tehran, Iran

The Iranian representative informed that the arrangements were progressing well. Important points emerged were:

- Submission of abstracts had been extended until 30th November, 2010;
- The organizers expected that approximately \$200,000 would be available for ICID from the income;
- Webpage had been developed;
- There will be an extensive accompanying persons program;

- Registration fees were being kept at \$800 per person;
- IRNCID expects over 1,000 registrations in total, with 400 from international delegates and over 600 from Iran;
- Possibly over 70 countries will participate.

There was further discussion on whether IRNCID would be able to assist delegates from Africa? The Iranian and Mali delegates agreed to discuss this issue further.

3.2 Review and discuss the preparations of the 22nd ICID Congress (2014) in Korea

Korean representative provided details of their preliminary preparations of the Congress and IEC and the structure and membership of their organizing committees.

Item 4 : International Executive Council Meetings (IECs)

4.1 Feedback from 60th International Executive Council (IEC) meeting (2009) at New Delhi, India

There was no representative from India to provide feedback.

4.2 Review and observe the preparations made by INACID for 61st IEC Meeting during 10-16 October 2010 at Yogyakarta, Indonesia

It was reported that there had been a number of challenges which had been overcome. These include:

- It was difficult to get abstracts and/or papers in time for the Asian Regional Conference. Most abstracts and/or papers had been submitted very late, which delayed evaluations and further processes;
- Internet communications from some developing countries had been difficult and unreliable;
- The idea of virtual meetings (*internet/web based*) had proved difficult. It needed professional assistance to set up reliably. If not properly organised before-hand, it could prove disturbing to the overall program;
- Only around 218 international delegates and 244 from Indonesia participated in the event. This was not as high as expected, although new registrations were still being made.

4.3 Review and discuss the preparations for 62nd IEC Meeting during 15-23 October 2011 at Tehran, Iran

See Item 3.1.

4.4 Review and discuss the preparations for 63rd IEC Meeting during 24-29 June 2012 at Adelaide, Australia

Dr. Vlotman gave a presentation on the preparations at Adelaide. An extensive program has been developed, including technical tours, partner programs and an International Exhibition of irrigation equipments. Extensive support for the event from the Australian Government is expected.

4.5 Review and discuss the preparations for 65th IEC Meeting in 2014 at Seoul, Korea

See Item 3.2.

Item 5 : Regional Events

5.1 Feedback from 5th Asian Regional Conference during 6-11 December 2009 at New Delhi, India

See Item 4.1.

5.2 Review and observe preparations made for the 6th Asian Regional Conference during 10-16 October 2010 at Yogyakarta, Indonesia

See Item 4.2.

5.3 Review preparations for the 24th European Regional Conference during 14-16 March 2011 at Orléans, France

It was reported that the preparations were progressing well. The conference website is <www.groundwater-2011.net>

Topics will include:

- Hydro geological studies;
- Conjunctive use of ground and surface water;
- Collective action and multi-actors processes;
- Economic approaches;
- Each ground water use has its own quality requirements.

Deadline for submission of abstracts was the end on October 2010, but this will be extended.

5.4 Review preparations for the 25th European Regional Conference during 16-20 May 2011 at Groningen, The Netherlands

It was informed that the preparations were in advanced stage and that the French and The Netherlands events were being coordinated and integrated, so that topics were enhanced and more fully developed.

Topics will include:

- Multiple land use;
- Fresh water management and salt intrusion;
- Flood risk management; and
- Institutional arrangements and history.

Registration fees for 5-day conference will be €480 (*early birds fee will be € 250*).

Deadline for abstract submission is 1st December 2010.

5.5 Review preparations for the 3rd African Regional Conference (2011) at Mali

It was reported that the theme will be "*Food Security in Africa and Climate Change*" and that the dates were 12-18 September 2011 and it will be held in Bamako in Mali.

Some concerns were raised that the Mali conference is only a month before the Iranian event and this may detract potential delegates from attending both conferences. It was suggested that the Mali conference be delayed until December 2011. Mali accepted the idea for reconsideration.

5.6 Review preparations for the 7th Asian Regional Conference during 24-29 June 2012 at Adelaide, Australia

See Item 4.4.

Item 6 : Website of C-CONGR

There was no further discussion on this item.

Item 7 : Any other business

TUCID's candidacy for 2013

The Chairman informed that there were two candidates for the 64th IEC and 8th Asian Regional Conference in 2013: Turkey and Thailand.

There was no representative available from Turkey to brief the Committee.

A Thai representative provided a brief summary of their intentions, should their bid be successful. It is intended to hold the event in Northern Province of Chiang Mai in Thailand.

IAL Session at 21st ICID Congress

IRNCID informed that the Australian suggestion of organizing a half-day session has been accepted.

Promoting Young Professionals in ICID Events

It was suggested that to encourage young professionals, a policy of providing 10 free registrations to YPFs at conferences be adopted. This was not accepted on the basis that the current policy (already in practice) of providing a 50% discount on registration fees is simpler and easier to administer.

Minutes of the Sixteenth Meeting of the
EUROPEAN REGIONAL WORKING GROUP (ERWG)
 Yogyakarta, Indonesia
 12 October 2010: 09:00-12:30 hours

Year of Establishment: 1995

Mandate: The mission of ERWG is to promote awareness about critical ICID relevant water issues at all levels in Europe and to pay special attention to the environmentally sustainable water management in Europe.

Members present: (1) Vice President Hon. Dr.-Ing. Eiko Lübbe, Chairman (Germany, 2002); (2) Vice President Prof. Dr. Peter Kovalenko, Vice-Chairman (Ukraine, 2005); (3) Vice President Dr. Laszlo Hayde, Secretary (Hungary, 2005); (4) Mr. Jaakko Sierla (Finland, 2001); (5) Mr. Mati Tonismae (Estonia, 2002); (6) Mr. Pol Hakstege (The Netherlands, 2007); and (7) Dr. Irina G. Pankova (Russia, 2007) represented by Dr. Alexander Melnikov.

Member Honoraire Present: President Hon. Peter S. Lee (UK).

Observers : (i) Dr. Hannes Puu (Estonia); (ii) Dr. Valentia Kundius (Russia); (iii) Dr. Vladimir Kundius (Russia); (iv) Dr. Boris Malichevich (Russia); (v) Dr. Yiri Yanko (Russia); (vi) Dr. Nikolay Surhg (Russia); (vii) Mr. Kouyate Goundo Sissoko (Mali); (viii) Dr. Sami Bourarfa (France); (ix) Dr. Gathang Swastyastu (Indonesia); (x) Dr. Niken Puspitasani (Indonesia); (xi) Ms. Irina Bondarik (Russia); and (xii) Prof. Dr. Joachim Quast (Germany).

Ex-Officio Members: (i) VP Prof. Dr. Peter Kovalenko (Ukraine), Chairman, ERWG Work Team on Sustainable Irrigation Management.

ERWG Website: <<http://www.erwg.icidonline.org>>.

The WG members observed one minute silence to pay homage to VPH Late Henri Tardieu (France) and Late Mr. Eugenii Gusenkov (Russia), who passed away during the year.

Item 1 : Confirmation of the minutes of the 15th meeting of the Working Group

The minutes of the 15th meeting of the Working Group held on 07 December 2009 at New Delhi (India) were confirmed.

Item 2 : Review of membership of the Working Group

The ICID Central Office requested (02 July 2010) the British National Committee of ICID (ICID.UK) to send a fresh nomination of a professional for the membership of the European Regional Working Group (ERWG) for consideration. PH Peter Lee represented UK in the ERWG.

The ICID Central Office requested (12 August 2010) the French National Committee of ICID (AFEID) to send a fresh nomination (*due to sad demise of VPH Henri Tardieu*) of a professional for the membership of the European Regional Working Group (ERWG) for consideration. The French National Committee temporarily nominated Dr. Sami Bouarfa as member of the WG until the final decision of the General Assembly of AFEID.

The Central Office may continue its efforts to reactivate the inactive National Committees (Belgium, Bulgaria, Poland and Slovak Republic) and also pursue new membership from Albania, Belarus, Bosnia & Herzegovina, and Moldova.

Norway has declined (18 March 2010) the ICID offer for membership. VP Laszlo Hayde was in negotiation with Bulgaria for their return to ICID.

2.1 Election of New Chairman of ERWG

VP Dr. Eiko Lübbe (Germany) has been the Chairman of the ERWG since 2002 and announced during the 15th meeting of the European Regional Working Group (ERWG) held on 07 December 2009 at New Delhi, India that he would like to step down from the duties of Chairmanship in October 2010. The ICID Central Office invited (01 July 2010) proposals / expression of interest from the representatives of the National Committees in the European Regional Working Group. No responses have been received.

The WG has been informed about the proposal of the 61st IEC meeting that the Vice President responsible for the region could also be the Chairman of the Regional Working Group. Independent of the decision to be taken by the forthcoming IEC meeting, VP Laszlo Hayde had been elected as the Chairman of the ERWG. Since he was the previous Secretary of the ERWG, a new Secretary has to be elected as well. Nomination from the Finnish National Committee for this position may arrive before the next meeting of the WG in October 2011 at Tehran, Iran. Ms. Irina Bondarik has been elected as a second Secretary of the WG, to take care of the Russian speaking countries.

Item 3 : Links with regional and trans-national organizations for co-operation

The Chairman apprised the members on new developments/cooperation especially with regard to EWA (European Water Association), the International Commission for Protection of the Rivers Rhine, Danube, and Odra. The ERWG network includes 7 National Water Management Associations (**Annex**).

Item 4 : Dialogue on Water for Food and Environment

It has been agreed to continue the co-operation among ICID-ERWG, Central and Eastern Europe Global Water Partnership (CEE-GWP) and World Wide Fund of Nature (WWF).

The members were to cooperate with CEE-GWP and WWF and invite them to participate in the conferences organized by ICID, like European Regional Conferences and International Drainage Workshops.

ERWG members continued the dialogue on the following topic: the WFD and its implementation through tools of the Common Agriculture Policy in the year 2007-2013. The new Directives can be accessed at following websites:

<http://ec.europa.eu/environment/water/water-framework/wfd_newsletter.html> or
<<http://ec.europa.eu/environment/water/>>

Item 5 : European Work Team on Water Related Risk Analysis (EWTWRA)

The idea of merging of Drought and Flood Work Teams under the frame of Risk Management had been brought (2007) to the fore by Dr. Vermes (Hungary). After detailed discussions on the proposed aims, the WG accepted the idea of merging European Work Team on Drought (EWTDRO) and European Work Team on Floods (EWTFFLO) to create a new Work Team under the name Work Team on Water Related Risk Analysis (EWTWRA).

The WG deliberated on the mandate of the Work Team during New Delhi (2009) meeting and agreed to consider the impacts of extreme events on agricultural production at situations of water scarcity and inundation and to develop risk mitigation strategies. Agreeing to the importance of the WT, Dr. Sandor Szalai (Hungary) agreed kindly to provide an initial work plan which has been distributed in this meeting. Comments and additional ideas are requested from the members and their National Committees till the end of the year 2010.

The Central Office has invited (2 July 2010) nominations from member countries in ERWG for membership of the new Work Team. Responses are also awaited till the end of the year 2010.

Item 6 : ERWG Work Team on EU Water Framework Directive (EWTWFD)

As discussed before, this item will be deleted from the Agenda of the next meeting.

Item 7 : European Work Team on Sustainable Irrigation Management (EWTSIM)

During New Delhi (2009) meeting, it was informed that a document on "*Irrigation Sector Reform in Central and Eastern European Countries*", based on the project results (Phase I), has been published and distributed as a hard

copy and CD-ROM (*during the previous meeting of the WG*). Further, Vice President Prof. Kovalenko distributed a new proposal for the Phase-II of the project “*Irrigation Sector Reform in Central and Eastern European Countries*”, prepared by the Ukrainian National Committee and President Hon. Bart Schultz.

Due to financial constraints, this could not be taken up and continues to be postponed.

Item 8 : European Work Team on Drainage (EWTDR)

It was informed during the New Delhi (2009) meeting that the future activities of the Work Team, as deliberated and specified during the International Drainage Workshop at Helsinki / Tallinn in 2008, would among others, focus on drained non-chernosem soils.

The ICID Central Office was in contact (02 July 2010) with Vice President Hon. Dr. Georgi Georgievich Guluyk (Russia), WT Chairman for the full list of other activities of the WT for consideration during the Yogyakarta (2010) meeting. Response is still awaited.

The WT will have its next meeting during the 25th ERC to be held from 16-25 May 2011 at Groningen, The Netherlands.

Item 9 : Conferences supported by ERWG

24th European Regional Conference of ICID, 2011, Orléans, France

The French representative Sami Bouarfa, Secretary General, AFEID informed the meeting about the organisation of the conference. The first leaflet had been distributed. The 24th European Regional Conference (ERC) will be held during 14-16 March 2011 at Orléans, France. The theme of the 24th ERC is ‘*Groundwater Management*’ and the other topics for the Conference are:

1. Hydro-geological studies
2. Conjunctive use of ground and surface water
3. Collective action and multi-actors processes
4. The EU Water Framework Directive and Groundwater Daughter Directive
5. Economic approaches
6. Each groundwater use has its own quality requirements

The ERC is being organized under the guidance of Dr. Sami Bouarfa, Secretary General, AFEID and President of the Technical Committee of AFEID. Please access ‘*Call for Papers*’ of the 24th ERC of ICID <<http://www.groundwater-2011.net/inscriptions>> for more information.

Dr. Sami Bouarfa proposed to cooperate with the organising committee of the 25th ERC for a special issue of the ICID Journal with some selected papers from the two ERCs.

25th European Regional Conference of ICID, 2011, Groningen, The Netherlands

The representative from NETHCID and Chairman of the organising committee apprised the ERWG about the preparation and detailed planning of the 25th ERC.

The 25th ICID European Regional Conference (ERC) will be held during 16-20 May 2011 at Groningen, The Netherlands. The theme of the 25th ERC is ‘*Integrated Water Management of Multiple Land Use in Flat Coastal Areas*’ and the topics of the Conference are:

- | | |
|-------------------|---|
| Topic I: | Multiple land-use |
| Topic II: | Fresh water management and salt intrusion |
| Topic III: | Flood risk management |
| Topic IV: | Institutional arrangements and history |

The ERC is being organized under the mentoring leadership of Dr. Bert Toussaint, Chairman of the Organizing Committee of the Conference. Please access 'Call for papers' of 25th ERC at <www.icid2011.nl> for more information.

25th ERC will be the host of the EWTDR meeting and the Interim Meeting of ERWG during 10:00 - 12:30 hours on Thursday, 19th of May 2011.

12th International Drainage Workshop

The National Committee of the Russian Federation on Irrigation and Drainage (RUCID) has proposed to host the 12th International Drainage Workshop at St. Petersburg, Russia in June 2014.

Item 10 : ERWG Letter Editorial Board

The ERWG Letter 19 (2009) was published (May 2009) and circulated among the members of the ERWG and can be viewed at <<http://www.erwg.icidonline.org>>.

The *ERWG Letter 20* (2010) was circulated during the Yogyakarta meetings. Printed copies were available for distribution upon request and electronic version will be available via the internet.

The Chairman informed that the Secretariat of GECID at ZALF will close down its activities in view of retirement of Prof. Dr.-Ing. Joachim Quast who was responsible for preparing the ERWG letters all these years. During 15 years 20 issues have been prepared.

ERWG appreciated the hard work of the Editorial Team, especially Prof. Dr.-Ing. Joachim Quast for preparing and publishing the ERWG Letter so regularly and on time, year after year.

Due to above developments, the National Committees in ERWG were invited to offer their proposals for the future work of the ERWG Letter. The newly elected Chairman of ERWG VP Laszlo Hayde together with the organisers of the 25th ERC and NETHCID proposed that next issue (2011) will be prepared by the Groningen conference. VP Hayde will also check the possibility to continue the editorial work with the support of the Netherlands or UNESCO institutions.

Item 11 : Young Professional Fora

The Young Professional Fora had been routinely organized during the European Regional Conferences in the past and it has been observed that the responses of Young Professionals were always overwhelming.

A Young Professional Forum was successfully organized during the 23rd ERC in May 2009 at Lviv, Ukraine. It was seen that the efforts were successfully made to raise funds to support the Young Professionals who were involved in the joint UNESCO German-Ukrainian project on the development of the Dnister region from German Ministry of Research and Education.

Organizers of the upcoming 24th and 25th European Regional Conferences noted to support the Young Professionals in a similar fashion.

The Chairman appraised the meeting on the activity of GECID and the German Water History Association in cooperation with the Iranian National Committee on student exchange visits to Iran and to Germany. Simple arrangements make things feasible even in low cost for the purpose of education and capacity development. Such occasions are good opportunities to spread research results, as well.

Item 12 : Any other business

- **Secretariat of GECID**

Prof. Dr.-Ing. Joachim Quast will step down from his post as Secretary of the German National Committee of ICID (GECID) in view of his retirement from this position at ZALF. As a result, he will also be relinquished from his responsibilities of publishing the ERWG Letter. Volker Ehlert, who was assisting in the editorial works for the ERWG Letter, will also not be active anymore within GECID Secretariat. Due to these new developments, the Secretariat of GECID will also close down its activities under the umbrella of ZALF.

ERWG expressed its appreciation and thanks to Prof. Dr.-Ing. Joachim Quast for running the Secretariat of GECID for many years and promoting Young Professionals.

The Chairman informed the WG on the potential reorganisation of GECID. The Chairman will keep the WG informed on the new developments.

- **Henri Tardieu Foundation**

Members noted the information.

- **Invitation from SIWI**

Members noted the information.

- **Lower Danube Conference**

Members noted the information.

- **Invitation from WMO**

Members noted the information.

- **International Levee Handbook**

PH Peter Lee informed the meeting about the editorial work of the International Levee Handbook, edited by Jonathan Simm - Technical Director Flood Management, HR Wallingford Ltd.

The publication is supported by USA, UK, France Netherlands and Germany and will be a

- New 1000 page expert and practitioner written handbook will enable mutual lesson-learning between the participating countries
- Guidance for levee owners/managers will cover operation, maintenance, condition assessment and emergency preparedness and management;
- Guidance for designers will cover site characterisation and data requirements, physical processes and design tools, and practical design and construction aspects

The work will take three years for publication in 2013.

The Scoping Report can be downloaded from:

- <<https://ciria.sharefile.com/d/scdb63d8ea674ed5b>>

- **Others**

The vacating Chairman VPH Dr. Eiko Luebbe closed the meeting with his thanks for the eight years of work and cooperation and wished prosperous work for the ERWG in the future.

The newly elected Chairman VP Dr. Laszlo Hayde expressed the highest appreciation of the WG to VPH Dr. Eiko Luebbe for the long and successful work and reminded that the initiation of ERWG was started by the German National Committee, by VPH Wolfram Dirksen in 1995. He also expressed the thanks of the WG to the German National Committee for being the 'engine' of ERWG for so many years and asked VPH Dr. Eiko Luebbe and Prof. Dr. Joachim Quast to stay active members of the ICID family.

EUROPEAN REGIONAL WORKING GROUP (ERWG)

Profile

The European Regional Working Group (ERWG) of ICID was founded at the 46th IEC Meeting in Rome in September 1995, and is acting under the motto “Comprehensive land and water management in European river basins for the sustainable development of the rural landscape”. The tasks of ERWG can be summarized as follows:

- Knowledge transfer and exchange of experience in matters of border crossing water and land management in European countries
- Co-operation of experts and organisations engaged in national, supranational and international objectives of water management and irrigated agriculture
- Development and promotion of border crossing projects and conferences
- Members are the ICID National Committees of 24 European countries, as below :

Country Representatives			
Austria	Mr. Frederick M. Cate	Macedonia	Prof. Zvonimir Vukelic
Croatia	Dr. Davor Romic	Portugal	Mr. Pedro Eduardo da Cunha Serra
Cyprus	Mr. Nicos Tsiourtis	Romania	Prof. Ion M. Nicolaescu
Czech Republic	Prof. Svatopluk Matula	Russia	Dr. Irina G. Pankova
Estonia	Mr. Mati Tonismae	Serbia-Montenegro	Mr. Peter Pantelic
Finland	Mr. Jaakko Sierla	Slovenia	Prof. Brane Maticic
France	Dr. Sami Bouarfa	Spain	Mr. Ricardo Segura Graino
Germany	Dr.- Ing. Eiko Luebbe	Switzerland	Mr. Claude Alain Vullier
Greece	Prof. Dr. A. Poulouvassilis	The Netherlands	Dr. Pol Hakstege
Hungary	Dr. Laszlo Hayde	Ukraine	Prof. Peter Kovalenko
Ireland	Dr. John Martin	United Kingdom	Mr. Peter Lee
Italy	Dr. Michele A. Cuccaro		
Lithuania	Dr. Antanas Maziliauskas		

Chairman : Dr.-Ing. Eiko Luebbe (Germany)
Vice-Chairman : Prof. Dr. Peter Kovalenko (Ukraine)
Secretary : Dr. Laszlo Hayde (Hungary)
Observer : Mr. Mohammed Benblidia (IME)

Countries with observer status

Bosnia & Herzegovina : Prof. Dr. Mihovil Vlahinic
Moldova : Mr. Valeriu Catrinescu
Serbia : Prof. Dr. Svetimir Dragovic

Subordinate Work Teams

European Work Team on Water Related Risk Analysis (EWTWRA)

Chairman : To be elected (Dr. Sandor Szalai, Hungary)
Members : To be elected

European Work Team on Sustainable Irrigation Management (EWTSIM)

Chairman Prof. Peter Kovalenko (Ukraine)
Members Mrs. Helena Aijo (Finland),
 Mr. Frederick M. Cate (Austria),
 Mr. Jan Cermak (Czech Republic),
 Mrs. Jasmina Taseva (Macedonia),
 Prof. Dr.-Ing. Joachim Quast (Germany),
 Dr. Olga Zhovtonog, Secretary (Ukraine),
 Mrs. Yldiko Zima Szaloki (Hungary)

Observer World Bank representative

European Work Team on Drainage (EWTDR)

Chairman Dr. Georgiy G. Gulyuk (Russia)
Members Dr. Irene Bondarik, Secretary (Russia)
 Prof. Brane Maticic (Slovenia),
 Dr. Iulian Mihnea (Romania),
 Mr. Toomas Timmusk (Estonia),
 Mrs. Marija Vukelic-Sutoska (Macedonia),
 Dr. Nicola Yacik (Ukraine),
 Mr. Daniel Zimmer (France)

Editorial Board of ERWG Letter (EBLET)

Editor Dr.-Ing. Eiko Luebbe (Germany),
Secretary Prof. Dr.-Ing. Joachim Quast (Germany),
Members Dr. Frantisek Dolezal (Czech Republic),
 Mr. John Hennessy (UK),
 Dr. Lajos Szlávik (Hungary)

Water Network

In addition to the European National Committees of ICID, the following organizations/association/institution have been incorporated in the ERWG Water Network :

5 European Professional Organizations

- CIPR - Commission Internationale pour la Protection du Rhin
- EurAgEng - Special Interest Group on Soil and Water, European Society of Agricultural Engineers
- EWA - European Water Association
- EWRA - European Water Resources Association
- TECHWARE - Technology for Water Resources

7 National Water Management Associations

- BSHE - Bulgarian Society of Hydraulic Engineers
- DWA - German Association for Water Management, Waste Water and Waste
- DONBH - Society for Irrigation and Drainage of Bosnia & Herzegovina
- LZHS - Lithuanian Association of Land and Water Management Engineers
- MHT - Hungarian Hydrological Society
- RSRE - Russian Society of Reclamation Engineers
- SITWM - Polish Association for Water Plant Construction and Land Improvement Engineers and Technicians

6 European Water Management Institutes

- ACVAPROJECT - Water Management Design Institute (Moldova Republic)
- DHI - Danish Hydraulic Institute
- IIDS - Institute of Irrigation and Development Studies, University of Southampton (United Kingdom)
- RIIDHE - Research Institute for Irrigation, Drainage and Hydraulic Engineering (Bulgaria)
- VITUKI - Water Resources Research Centre Plc. (Hungary)
- IME - Institut Méditerranéen de l'Eau (France)

Work Results

- ERWG Letter No. 1 to 20 (newsletters)
- European Sector Vision on Water for Food and Rural Development (report)
- ICID Guide "How to work out a drought mitigation strategy" (guideline)
- Water Resources Management in the Czech Republic, Hungary, Lithuania, Slovenia (book)
- Diffuse Entries in Rivers of the Odra Basin (research report)
- Proceedings of several European conferences
- First and Second CEE WFE Dialogue Reports (Dialogue on Water, Food and Environment – Dialogue on the implementation of the EU Water Framework Directive in Agriculture in the Central and East European Countries) (reports)
- Danube Valley : History of Irrigation, Drainage and Flood Control (book)

Current Projects

- Flood risk mitigation by agricultural non-structural measures
 - Drought mitigation strategies
 - Flood prevention strategies
 - Point and diffused pollutants in the Odra basin
 - Sustainable irrigation and drainage management under the conditions of transitional economy
 - Dialogue on water for food and environmental security in Central and Eastern Europe
-

Minutes of the Seventh Meeting of the
AMERICAN REGIONAL WORKING GROUP (AMRWG)
 Yogyakarta, Indonesia
 12 October 2010 : 13:00-17:00 hours

Year of Establishment: 2003

Mandate: (1) To assist in the development of broad-based ICID National Committee in each Latin American country, (2) To obtain and disseminate information on irrigation and drainage in Latin America, (3) To organize national and international discussions on relevant scientific and technical issues, and (4) To provide the catalyst for promoting better contact with the ICID and other relevant international organizations.

Members present: (1) Dr. Luis Rendón Pimentel, Convener (México, 2004); (2) Ing. Agr. Sergio Domingo De Agrela Vaccarezza, Representative from Uruguay, and (3) Secretary General ICID represented by Dr. Vijay K. Labhsetwar (ICID Central Office).

Observer: Prof. Lucio Ubertini, Vice President, ICID

Item 1 : Confirmation of the minutes of the 6th meeting of the Working Group

The minutes of the 6th meeting of the Working Group held at New Delhi, India in December 2009 were confirmed.

Item 2 : Review of Membership

The nomination of Ing. Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay) for the membership of AMRWG was accepted.

VP Ubertini (Italy) expressed his keen interest in joining the WG as an observer to help enhance the activities of the WG. The Central Office may request the Italian National Committee of ICID (ITAL-ICID) for a formal nomination of Prof. Lucio Ubertini as Observer in the AMRWG.

Item 3 : Election/nomination of Chairman, Vice Chairman and Secretary

Dr. Luis Rendón Pimentel (México) and Ing. Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay) were elected as Chairman and Vice Chairman respectively, of AMRWG.

Item 4 : Activities of the WG

Ing. Agr. Sergio Domingo De Agrela Vaccarezza (Uruguay) presented a profile of Uruguay – “Water use in Uruguay agriculture”. Ing. Agrela will send this document to ICID.

Item 5 : Any other business

- **Activities on Latin America: One day seminar.**

Prof. Lucio Ubertini presented a report of the three Workshops on “*Water: a priority for Latin American Countries*” organized by the Italian National Committee of ICID (ITAL-ICID) in cooperation with the Istituto Italo Latino Americano in Italy.

- **Invitation from World Agricultural Forum (WAF) – Latin America, Brasilia, Brazil**

The Secretary General ICID provided a brief on “*The Role of Latin America in Feeding the World in 2050*” for the meeting in Brazil. Ing. Helvecio Mattana Saturnino, President of Brazilian National Committee of ICID (ABID) represented ICID during the meeting in Brazil.

- **Invitation from WMO**

The World Meteorological Organization (WMO) organized the fifteenth session of the Commission for Agricultural Meteorology (CAgM) on 15-21 July 2010 at Belo Horizonte, Brazil. Ing. Helvecio Mattana Saturnino, President of Brazilian National Committee of ICID (ABID) represented ICID during this Session.

- **Launch of the 2030 Water Agenda’ in Mexico**

The National Water Commission of Mexico launched the 2030 Water Agenda on 26th March 2010 by the President of Mexico, H. E. Felipe Calderón Hinojosa. A brief description of the event is available at <<http://www.conagua.gob.mx>>. Dr. Luis Rendón Pimentel is going to send the 2030 Water Agenda in Mexico to the ICID Central Office .

- **American Regional Conference**

The Brazilian, Uruguay and Mexican National Committees of ICID were going to explore the possibility of organizing the IV American Regional Conference.

Minutes of the Thirtieth Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
Yogyakarta, Indonesia
14 October 2010: 11.00-12.30 hours (Session-I)
14 October 2010: 13.30-18.00 hours (Session-II)

Year of Establishment: 1981

Members Present: (1) Vice President Hon. Hector Malano, Chairman (Australia, 2005); (2) Vice President Hon. Larry D. Stephens, Secretary (USA, 2003); (3) Prof. Daniele de Wrachien (Italy, 2005), represented by Dr. Graziano Ghinassi; (4) Dr. Yohei Sato (Japan, 2005); (5) Dr. Nikolay G. Kovalev (Russia, 2007), represented by Dr. (Mrs.) Irina Bondarik; (6) Mr. Hasan B. Yuksel (Turkey, 2007); (7) Engr. Husnain Ahmad (Pakistan, 2009), and (8) Er. M. Gopalakrishnan, Secretary General, ICID.

Permanent Observers Present: Dr. Alain Vidal, CPWF Representative.

Ex-Officio Members Present: (i) VPH Dr. S. Nairizi, Strategy Theme Leader On-Farm; (ii) VPH Larry D. Stephens, Chair, C-PR&P; (iii) PH Prof. dr. Bart Schultz, Chair, EB-JOUR; (iv) Dr. Kamran Emami, Chair, WG-HIST; (v) Prof. (Mrs.) L. Vincent, Chair, WG-TRUE; (vi) VP Dr. Ing. Willem F. Vlotman, Chair, WG-DRG; (vii) PH Peter S. Lee, Chair, WG-POV; (viii) Dr. G.R. Backeberg, Chair, TF-FIN; (ix) VPH Franklin E. Dimick, Chair, WG-DROUGHT; (x) Dr. Park, Sang Hyun, Chair, WG-SDTA; (xi) Dr. Hu Heping, Chair, WG-ENV; (xii) Dr. Kamran Emami, Chair, WG-CAFM; (xiii) VPH Dr. Mark Svendsen, Chair, WG-CLIMATE; (xiv) VP Dr. Ragab Ragab, Chair, WG-CROP; (xv) VP Dr. Ragab Ragab, Chair, WG-PQW; (xvi) VPH Mr. Felix B. Reinders, Chair, WG-ON-FARM; (xvii) PH Prof. dr. Bart Schultz, Chair, TF-WWF-6.

Observers Present: (i) Mr. Tai Cheol, Kim (Korea); (ii) Mr. Sergio de Agrela (Uruguay); (iii) Dr. Abraham Mehari Haile (The Netherlands); (iv) Dr. Shinsuke Ota (Japan); (v) Dr. Tetsuya Oishi (Japan); (vi) Dr. Kunihiko Naito (Japan); (vii) Dr. Jin-Hoon Jo (Korea); (viii) Dr. Myung-Chul Eom (Korea); (ix) Dr. Hun Sun Lee (Korea); (x) VP Dr. László G. Hayde (Hungary); (xi) Dr. Maurice Roos (USA); (xii) VPH Prof. Peter Kovalenko (Ukraine); (xiii) Mr. Bernard Vincent (France); (xiv) Mr. Helvecio Saturnino (Brazil); (xv) Dr. Sylvain-Roger Perret (France); (xvi) Dr. S.A. Kulkarni, Executive Secretary, ICID Central Office; (xvii) Dr. Vijay K. Labhsetwar, Director, ICID Central Office.

Item 1 : Confirmation of minutes of the 29th meeting of PCTA held at New Delhi, India, 09 December 2009

Hearing no requests for changes, the Chairman noted that the minutes of the 29th meeting of PCTA were confirmed.

A. CONTINUING ITEMS

ITEMS FOR ACTION

Item 2 : Membership of the Committee

2.1 The following nomination was approved for PCTA membership, subject to approval by IEC:

The CV of Dr. Mark Svendsen (USA) was presented by the Chairman. Dr. Svendsen's membership on PCTA was recommended to IEC for approval.

Item 3 : Composition of Workbodies

3.1 Recommendation of Workbodies for the position of Chairmen / Vice Chairmen / Secretaries

PCTA recommended to IEC the following appointments to workbody positions:

Name of Workbody	Chairs/ Vice Chairs/ Secretaries
WG-CAFM	Dr. Kamran Emami (Iran), Chairman
WG-ENV	Prof. Sylvain Roger Perret (France), Vice Chairman Dr. Michael van der Laan (South Africa), Secretary
WG-WATS	VPH Dr. Mohamed Hassan Amer (Egypt), Chairman Dr. Juan Antonio Rodriguez-Diaz (Spain), Secretary
WG-CROP	Dr. K. Yella Reddy (India), Secretary
WG-POVERTY	Mr. Peter Lee (U.K.), Chairman Mrs Mary Jean Gabriel (South Africa), Secretary
TF-BIO-ENERGY	Mr. Laurie C. Tollefson (Canada), Chairman
TW-WWF6	Dr. Bart Schultz (The Netherlands), Chairman Dr. François Brelle (France), Vice Chairman
TF-SEDIMENTATION	Mr. Hazrat Umar (Pakistan), Chairman

3.2 New membership proposals for Workbodies

The following membership proposals were recommended to IEC for approval:

ICID Journal Editorial Board (EB-JOUR)

- Mr. Bernard Vincent (France)
- Prof. Daniele de Wrachien (Italy)
- Mr. Kristoph-Dietrich Kinzli (USA)

Working Group on Drainage (WG-DRG)

- Mr. Mati Tonismae (Estonia)

Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

- Mr. Moussa Amadou (Niger)
- Ms. Mary Jean Gabriel (South Africa)
- Dr Alain Vidal (CPWF) as Permanent Observer

Task Force on Financing Water for Agriculture (TF-FIN)

- Dr. Sylvain Roger Perret (France)
- Dr. Brian Davidson (Australia)

Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

- Mr. Benjamin de León Mojarro (Mexico)

Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

- Dr. (Ms.) Hsiao-Wen Wang (Chinese Taipei) as Young Professional

Working Group on Environment (WG-ENV)

- Mr. Clarke Ballard (Australia)
- Dr. Michael Van der Laan (South Africa)

Working Group on Technology and Research Uptake and Exchange (WG-TRUE)

- Dr. Moch. Basuki Hadimuljono (Indonesia)

Working Group on Modernization of Irrigation Services (WG-MIS)

- Mr. Ian Moorhouse (Australia)

Working Group on Water Saving for Agriculture (WG-WATS)

- Dr. Juan Antonio Rodriguez-Diaz (Spain) in place of Dr. J.M.M. Mendiluce

Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)

- Dr. Roestam Sjarief (Indonesia)
- Dr. Juan A. Rodriguez-Diaz (Spain)

Working Group on Water and Crops (WG-CROP)

- Dr. Koji Inosako (Japan)

Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

- Dr. Leon van Rensburg (South Africa) to replace Mr. H. Du Plessis

Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

- M. François Chrétien (Canada)
- Mr. Jeremy Cape (Australia) to replace Mr Steven Mills

Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

- Mr. Helvecio M. Saturnino (Brazil)
- Dr. Sanjay Belsare (India)

Task Force to Guide ICID Inputs to World Water Forum 6 (TF-WWF6)

- Mr. Aly M. Shady (Canada)
- Dr. Mark Svendsen (U.S.A.)
- Dr. Willem F. Vlotman (Australia)
- Mr. Felix B. Reinders (South Africa)
- Er. M. Gopalakrishnan, Secretary General, ICID
- Dr. S.A. Kulkarni, Executive Secretary, ICID

Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION)

- Mr. Reynaldo L. Baloloy (Philippines)
 - Mr. David Meigh (UK)
 - Mr. Darwin Lubis (Indonesia)
-

- Mr. Iman Ramdhani (Indonesia)
- Mr. Syed Mansood Ali Zaidi (Pakistan)

Item 4 : Consideration of reports of Chairs of Workbodies followed by those of respective Strategy Theme Leaders

4.1 Presentation by Workbodies under the Strategy Theme – Knowledge (ST.K)

4.1.1 Committee on Public Relations and Publications (C-PR&P)

Committee Chairman VPH Larry Stephens noted that the primary focus of the Committee was to review ICID communications including the News Update, ICID News and the website. The Committee reviewed the ICID website and made several recommendations for updating and improving the site.

4.1.2 ICID Journal Editorial Board (EB-JOUR)

PH Bart Schultz reported that the Journal continues to grow and there is a significant backlog of papers. The impact factor is now greater than 1.0, an important indication of success. Only about 25 to 33 percent of papers offered are accepted for publication. He also noted that the Board will explore going to “Open Access” when the current contract with Wiley is completed in 2013.

He has noted that there were no special issues planned for 2010 but he expects that there will be one or more in 2011.

The 2010 winner of the best paper award will be announced during the Yogyakarta IEC Meeting.

4.1.3 Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

Dr. Kamran Emami, Chair of the WG-HIST, has recommended that more National Committees may establish workbody on History of Irrigation, Drainage and Flood Control.

The WG proposes to organize a Conference on *Historical Water Sustainability: Lessons to be Learned*. They will seek support from UNESCO, and possibly from the International Water History Association, to enable the Conference planning to proceed. Following the discussion, the Chairman noted that PCTA supports the proposal and recommends for approval to IEC.

Dr. Alain Vidal urged to update the WG website.

4.1.4 Working Group on Technology and Research Uptake and Exchange (WG-TRUE)

Prof. L. Vincent, Chair of WG-TRUE, reviewed WG activities. The WG intends to develop its website.

4.1.5 Synthesis and Recommendations by Theme Leader on Knowledge (ST.K)

No synthesis report was presented.

4.2 Presentation by Workbodies under the Strategy Theme – Systems (ST.S)

4.2.1 Working Group on Modernization of Irrigation Services (WG-MIS)

Dr. Alain Vidal made a report for the WG. Four presentations were made during the Yogyakarta meeting.

FAO has expressed an interest in organizing a Special Session on *Modernization of Water Management Schemes* on the sidelines of the Tehran Congress. The WG has recommended to hold the session

4.2.2 Working Group on Water Saving for Agriculture (WG-WATS)

PH Peter Lee, the Acting Chairman, made the WG report.

The WG has addressed the amount of WatSave Awards and travel grants. The WG recommends that the Farmer award be continued and that the awards should be restored to US\$2,000; no travel grant would be included. PCTA supports the proposal.

The WG suggested that the rule regarding nominations be corrected as “The national committee/committee to nominate only one nominee per category.”

4.2.3 Working Group on Drainage (WG-DRG)

Dr. Vlotman reported for WG-DRG.

He noted that the 11th International Drainage Workshop (IDW) would be held in Cairo during 2012 and the 12th IDW will be held in St. Petersburg during 2014.

Dr. Vlotman also noted that he had established the LinkedIn Agricultural Drainage Group.

4.2.4 Working Group on the Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

PH Peter Lee, acting for the Chairman, made the WG report. He noted that the WG has held a very successful workshop during its meeting.

The WG plans to develop an ICID Concept Paper on Poverty Alleviation by the Tehran meeting.

The WG plans to complete its work by 2013.

4.2.5 Task Force on Financing Water for Agriculture (TF-FIN)

Dr. Gerhard Backeberg reported for the Task Force. He noted that only four members of the TF have presented papers and participated in the workshop on *Country policies and strategies on financing and implementation of current water use charging systems in irrigation*, which was held on 12 October 2010 in Indonesia. The TF members present decided to continue activities as a Task Force and not convert to a Working Group. The TF plans to organise full-day Workshops during the Tehran and Adelaide IEC Meetings. For the Tehran meeting, the TF requests the PCTA to approve and recommend that the Organising Committee in Iran makes provision for a full-day TF-FIN Workshop in the programme for October 2011. The TF Chairman stated that the TF will conclude activities in Tehran unless 3 out of 4 outstanding papers for the Indonesia Workshop are received after the event by ICID Central Office by end of January 2011. The TF also decided to consider alternative options for documenting the work done during the final meeting, either in Tehran in 2011 or in Adelaide in 2012.

4.2.6 Synthesis and recommendations by Theme Leader on Systems (ST.S)

No synthesis report was presented.

4.3 Presentation by Workbodies under the Strategy Theme – Basin (ST.B)

4.3.1 Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

Mr. Frank Dimick, Vice Chair of the WG-DROUGHT, reported for the WG.

He noted that there has been a good progress on the proposed publication *Irrigation Under Drought and Water Scarcity*.

Theme leaders for three topics were selected.

4.3.2 Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

Dr. Park, Sang Hyun, Chair of the WG-SDTA, reported that the WG was planning to bring out its special publication ‘SDTA Hand Book’ at the end of 2010; however, it will now be published in early 2011. Financial support has been arranged for the publication. WG desired to sponsor a special issue of the *ICID Journal*. based on the document.

Dr. park noted that the WG wishes to be reformulated with a new mandate for an additional six year term. PCTA recommends the extension to IEC for approval.

4.3.3 Working Group on Environment (WG-ENV)

Dr. Sylvain-Roger Perret (France) reported for the WG. He noted that the WG is being re-organized and urged that more active membership is needed.

The WG organized a workshop on *Nutrient Leaching from Agricultural Soils*, on 12 October. Seven presentations were made during the workshop.

4.3.4 Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

Dr. Kamran Emami made the report for WG-CAFM.

A presentation on the recent floods in Pakistan was made by Mr. Husnain Ahmad. The WG requested that a workshop on the 'Pakistan Floods in 2010' be organized in Pakistan within the next four months. PCTA recommends for approval to IEC.

Presentations on floods and flood management in Indonesia and the USA were made by Ms. Fransisca Mulyantari and Mr. Maurice Roos, respectively.

The WG proposes to hold a Workshop on *Value Engineering: its Applications in Irrigation and Drainage* during the Tehran Congress. PCTA recommends for approval of the workshop to IEC.

PH Bart Schultz recommended that the WG add flood safety issues to their mandate.

4.3.5 Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)

Dr. Mark Svendsen, Chair of the WG-CLIMATE, reported on the WG activities.

The WG has offered to support the Climate Change Symposium to be held during the Tehran Congress.

He noted that the WG proposes to convene a one day session during the 2012 World Water Week and requests approval to proceed. PCTA recommends for approval to IEC.

The WG requests a three year extension of its mandate. PCTA recommends for approval to IEC.

4.3.6 Synthesis and recommendations by Theme Leader on Basin (ST.B)

No synthesis report was presented.

4.4 Presentation by Workbodies under the Strategy Theme – On- Farm (ST.OF)

4.4.1 Working Group on Water and Crops (WG-CROP)

Dr. Ragab Ragab, Chair of the WG-CROP, reported for the WG.

The WG held a successful workshop on *Water Savings Practices in Agriculture* during its meeting.

The WG proposed to hold a one-day workshop on *Management of Agriculture Under Climate Change* during the Tehran Congress. It was suggested that the WG consider organizing this workshop jointly with the workshop proposed by ICARDA. PCTA recommends for approval to IEC.

4.4.2 Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

Dr. Ragab Ragab, Chair of the WG-PQW, reported at the meeting. He said that there were three presentations dealing with poor quality water during the meeting. He noted that during the past years, the WG has been cooperating with WHO and UNEP.

The WG requests approval for a workshop on *Water Quality and Irrigation* during the Adelaide IEC meeting in 2012. A decision will be taken during the Tehran meeting.

4.4.3 Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

Mr. Felix B. Reinders, Chair of the WG-ON-FARM, made the WG report.

He reviewed WG activities. He reported that a datasheet on Sprinkler and Micro Irrigated areas had been compiled by the ICID Central Office. He asked the National Committees to review the datasheet and provide updates and corrections.

A workshop on *The New Hose Reel Machines for the Reduction of Economic Water and Energy Costs* was held on 3 June 2010 at the University of Florence, Italy. The objective of the workshop was to know the latest developments in the Italian irrigation technology with a special focus on the new hose reel sprinkler irrigation machines. The workshop was organized by the Italian National Committee (ITAL-ICID) in collaboration with the Association of Manufacturers of Irrigation Machines (AMIS) of Italy and the WG expressed their appreciation to ITAL-ICID

He also noted that three presentations were made during the Yogyakarta meeting of the WG.

Mr. Reinders noted that the WG would be an active participant in the 8th International Micro Irrigation Congress to be held in Tehran on 18-19 October 2011.

4.4.4 Synthesis and recommendations by Theme Leader on On-Farm (ST.OF)

Dr. Saeed Nairizi, Theme Leader, offered the following suggestions for the Working Groups under the theme:

WG-CROP: Rainfall management should be considered in a large-scale to increase its effectiveness, not only in storage but in its direct use.

WG-PQW: Make a goal to provide a comprehensive ICID Guidelines for 'Use of Poor Quality Water for Irrigation'.

WG-ON-FARM: Irrigation efficiency should conceptually be clarified and focused on technical approaches to minimize the real loss of water and not water which may be used by downstream users or recovered later.

4.5 Theme Leaders

PCTA Chair Malano invited comments on the need for or the role of Theme Leaders. Comments from several Committee members were presented, some supporting the need for Themes and Theme Leaders, while others suggesting that the Themes are no longer needed. Mr. Reinders suggested that the Vice Presidents be assigned the responsibility for reviewing the Themes on a three year basis. The Committee agreed that the Secretary General should work with a small team to develop a proposal to be presented to PCTA in Tehran.

Item 5 : New Task Forces and Workbodies

5.1 Task Force to Guide ICID Inputs to World Water Forum 6 (TF-WWF6)

Dr. Bart Schultz presented a report of the Task Force.

The Proposed Membership of the TF is Prof. Dr. Bart Schultz, Chair (The Netherlands); Mr. François Brelle, Vice Chair (France); Mr. Aly M. Shady (Canada); Dr. Mark Svendsen (USA); Dr. Willem F. Vlotman (Australia); Mr. Felix B. Reinders (South Africa); Secretary General, ICID; and Dr. S.A. Kulkarni, ICID. PCTA recommends for approval of the membership to IEC.

Dr. Schultz reported that the TF proposed to organize a workshop in Tehran to develop ICID inputs for WWF6.

5.2 Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION)

The TF is in formative stage and no action by PCTA was needed.

5.3 Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

The TF is in formative stage and no action by PCTA was needed.

B. ITEMS FOR INFORMATION

Item 6 : ICID's Cooperation with International Organizations

Chairman Malano said that the PCTA Agenda notes had reflected the cooperative activities of ICID. No PCTA action was required.

Item 7 : ICID Congresses/Conferences

7.1 65th IEC and 22nd International Congress on Irrigation and Drainage, Seoul, Korea, 2014

Dr. Tai Cheol Kim, representing the Korean National Committee, presented the Preliminary Theme and Topics of the Seoul Congress.

The following were proposed:

Theme: *Water for Food Security and New Partnership*

Question 58: *Policy and Adaptation to Climate Change*

Question 59: *Rural Development through the Irrigation and Drainage Projects*

Special Session: *New Partnership in International Cooperation for Rural Development*

Symposium: *Non-Point Source Pollution and Best Management Practices*

Dr. Malano and Dr. Mark Svendsen volunteered to serve on a work team with Dr. Kim to review and assist in preparation of the final Questions and sub- topics.

Item 8 : Any other business

No other business was transacted. Dr. Malano, Chairman adjourned the meeting at 1715 hours.

Minutes of the Thirteenth Meeting of the
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)
 Yogyakarta, Indonesia
 11 October 2010: 09.00-12.30 hours
Strategy Theme: Knowledge

Year of Establishment: 1998

Completion of the Mandate: 2014

Mandate: To motivate ICID National Committees in various countries to set up their National Working Groups and provide them guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, flood management, and river engineering, incorporating relevant agricultural, political, socio-economic, climatological and geographical aspects for proper understanding of the technological developments in the subject, if possible chronologically. Furthermore, to organize seminars at ICID Congresses, in order to show the importance of historical studies and as to how they help when planning for the new projects.

The WG will also focus on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas.

Members Present: (1) Dr. Kamran Emami, Chairman (Iran, 2009); (2) Dr. Hubert Toussaint, Secretary (The Netherlands, 2005); (3) Prof. N. Hatcho (Japan, 1998); (4) Mrs. Xuming Tan (China, 1998); (5) Dr. Laszlo Hayde (Hungary, 2001); (6) VP Dr. Hafied A. Gany (Indonesia, 2005); (7) Dr. Ing. Klaus Roettcher (Germany) represented by Prof. dr. Joachim Quast; (8) Prof. Wen-Pin Shu (Chinese Taipei, 2006); (9) Dr. Jeong-Woo, Na (Korea, 2007) represented Mr Yuo.

Observers: (1) A.S. Roux (France); (2) D.K. Syanda (Indonesia); (3) I.N. Norken (Indonesia); (4) Yaser Barghi (Iran); (5) S. Mansoob Ali Zaidi (Indonesia); (6) Soenarno (Indonesia); (7) Michael D. Mierzwa (USA); (8) Eri Gas Ekaputra (Indonesia); (9) Rahmad Yuhendra (Indonesia); (10) Slametto (Indonesia); (11) Mathura Dangol (Indonesia); (12) Sri Ritawati (Indonesia); (13) Agus Rochimat (Indonesia); (14) Dolfandri Firman (Indonesia); (15) Djendam Eusrusinga (Indonesia); (16) Kaluvai Yella Reddy (India); (17) Hartanto (Indonesia).

Website: <<http://www.wg-hist.icidonline.org>>

Opening statement by the Chairman

The Chairman emphasized the importance of establishing national WG's in the ICID NC's, referring to the WG mandate. Based on the information provided by the WG members and observers from Germany, Hungary, Brazil, Japan, Indonesia, the Netherlands, Taiwan, USA and South Africa, the projects on water history exists in each country but no NC has an active national Working Group. In this context, Chairman requested all the NCs to set up National Working Groups on History of Irrigation, Drainage and Flood Management based on the mandate of the WG. In the concluding remarks, the Chairman emphasized the importance of exchanging historical knowledge amongst the NC's.

Item 1 : Confirmation of minutes of the 12th meeting of WG-HIST

As no comments on the minutes of the 12th meeting were received, the minutes of the 12th meeting held on 6 December 2009 at New Delhi, India, were confirmed.

Item 2 : Review of membership of the Working Group

At the New Delhi (2009) meeting, the nomination of Mr. Zarar Aslam (in place of Dr. I.B. Shaikh) as proposed by the Pakistan National Committee (PANCID) was deferred to Yogyakarta meeting in 2010. In response to the Central Office's request (July 2010), PANCID confirmed the nomination of Mr. Aslam. However, as Mr. Aslam was not present at the WG meeting, his nomination could not be approved. The nomination was deferred to the next meeting of the WG at Tehran in 2011.

AFEID, the French National Committee, nominated Dr. Thierry Ruf to replace Mr. Jean Verdier as the French member of the WG. However, as Dr. Ruf was not present at the WG meeting, his nomination could not be approved. The nomination was deferred to the next meeting of the WG at Tehran in 2011.

Non-participation/ contribution

Members who were neither present at the meetings nor contributed through correspondence for the last two consecutive years were:

- Prof. Zorko Kos (Croatia)
- Mr. Aliyu Jada (Nigeria)
- Dr. Alexis Vogel (Austria)

At the New Delhi (2009) meeting, it was decided to continue the membership of Mrs. F. Sinati (Italy), Mr. Satit Maneepai (Thailand) and Mr. Jean Verdier (France), in view of their involvement in the current WG-activities related with their countries. During the meeting, it was also decided to make one final request to NCs of Croatia, Nigeria and Austria for fresh nominations or else the membership of Croatia, Austria and Nigeria in the WG-HIST may be terminated.

The Central Office (CO) has contacted the above NCs in July 2010 and informed the decision of the WG to the concerned NC and requested to ensure their participation in the Yogyakarta (2010) meeting or nominate a fresh member who could contribute to the activities of the WG.

As Croatia, Austria and Nigeria did not make fresh nominations, the WG meeting decided to terminate the WG membership of these three countries.

As Mrs. Sinati and Mr. Maneepai are actively participating in ICID, it was decided to continue their membership.

A. CONTINUING ITEMS

Item 3 : Report by the Chairman on progress made by the National Working Groups (NWG) on their assignments

The WG members noted that the following documents were still awaited: (1) electronic version of the chapter on the History of Sri Lanka as a part of publication on Eastern Asian History of Irrigation from Ms. Bhadra Kamaladasa of Sri Lanka Irrigation Department through Prof Hatcho (Japan); (2) a comparative history of the US Army Corps of Engineers through Prof Hatcho; (3) the comparative American-Dutch water management history book - Dr. Toussaint informed that the book was expected to be published in March 2011; (4) a publication "*History of Irrigation Development in Orissa from India*". The Central office may continue its efforts in getting these documents from concerned contacts.

Item 4 : Progress on publishing '*Monsoon Asia History*'

Prof. Hatcho apprised the members on the slow progress on "*Monsoon Asia History*" (*earlier History of Irrigation in Eastern Asia*). The irrigation histories of Sri Lanka, Myanmar and Bangladesh will eventually be included. The WG meeting approved a proposal of Prof. Hatcho to compose a format or guideline for the involved NC's in order to be able to write a new synthetic version of the *Monsoon Asia History* book. He will send a draft format to the WG to be approved at the WG meeting at the next meeting of the WG at Teheran in 2011.

During the WG meeting, an updated version of the History of Irrigation in Taiwan was presented and distributed.

During the meeting, Prof. Hatcho informed that the printed version on the '*Chinese History of Irrigation*' published in 2005 had been received from Mrs. Xuming Tan/ CNCID, but the electric version was still awaited.

Item 5 : Progress on publishing History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean

At the New Delhi (2009) meeting, Prof. Ricardo Segura (Spain) presented a print of a bilingual updated draft version on "*Reflections on the History of Irrigation, Drainage and Flood Control in Spain*". At the request of the Central Office, Prof. Segura provided a soft copy and the Central Office circulated (July 2010) the draft version to all the members of the WG for their perusal/comments. Responses were awaited.

As Prof. Segura was not present at the WG meeting, the topic was not further discussed.

Item 6 : Cooperation with International Water Organizations

Dr. Hayde reported during the Yogyakarta meeting that during the International Conference on Water History during 16-19 June 2010 at Delft, an agreement of cooperation was signed between UNESCO-IHE and the DWhG, the German water history association, in the field of water history. He further reported that the IWHA (International Water History Association) will organize its next water history conference in South Africa in June 2011. Prior to this conference, IHE will organize a short water history course.

Item 7 : Website of WG-HIST

No comments have been received from members in 2010. The members were once again encouraged to send their comments to Central Office on issues related to WG website.

Item 8 : Work plan

- **History Seminar at Yogyakarta, Indonesia in October 2010**

A seminar on '*History of Irrigation in Eastern Asia*' was held on 13 October 2010 at Yogyakarta, Indonesia under the leadership of VP Dr. Hafied A. Gany (Indonesia).

Dr. Gany informed the members that only 12 papers had been submitted (3 foreign papers and 9 Indonesian papers). The Chairman suggested that a more general theme usually attracts more paper submissions.

- **History Seminar at Tehran, Iran in October 2011**

The WG had proposed (2009) to organise a History Seminar '*Possibilities of Using traditional Methods in Modern water Management Systems*' during the 62nd IEC meeting and 21st ICID Congress on Irrigation and Drainage in October 2011 at Tehran, Iran.

During the WG meeting, the Chairman encouraged the members to submit papers in large numbers.

Item 9 : New name and mandate of the Working Group

At the New Delhi meeting, the WG decided to maintain the original name of the WG and as far enlarging WG's mandate was concerned, the focus will be on governance, institutions and management issues of irrigation and drainage systems, sustainable development and integrated water management in rural areas. This new focus was added to the earlier mandate.

The WG members made no comments during the meeting.

B. NEW ITEMS

Item 10 : Discussion on Sustainability through History

Dr. Kamran Emami (Iran) proposed (2009) to start a virtual discussion on sustainability through history. The proposal prepared by Dr. Emami and Dr. Roettcher was commented upon by three members.

During the WG meeting, the Chairman encouraged other members to give feedback as well. He indicated that sustainability is mentioned in the WG mandate. He suggested that the proposed conference should be held in

Europe, preferably in Paris, and the WG will try to get support from UNESCO. Dr. Hayde is authorized by the WG to seek the cooperation of UNESCO. Furthermore, Dr. Hayde and Prof. Quast will contact the DWhG to invite their association to co-organize the conference.

Item 11 : Any other business

Book: Locales of happiness – Dr. Maurits Ertsen

- Dr. Maurits Ertsen, Chairman, WG-MIS (The Netherlands) has brought out a book “*Locales of happiness – Colonial irrigation in the Netherlands East Indies and its remains*”. The book provides valuable information about Colonial irrigation in the Netherlands, East Indies and its remains. ICID Central Office has disseminated the book announcement amongst all National Committees and members of Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST) with a request to circulate it to the relevant academic institutions and interested professionals within their country.
 - During the WG meeting, Dr. Toussaint commented that the book gives a very valuable overview on the development of 19th and early 20th century Indonesian irrigation management and knowledge. Members may contact Dr. Ertsen at his e-mail: m.w.ertsen@tudelft.nl for more information.
 - During the WG meeting, Prof. Shu gave information on the recently updated book on the History of Irrigation in Taiwan. An electronic version can be downloaded from the NC website.
 - The Chairman proposed to have the NC’s collect water history documentary films in English or with English subtitles in their countries in order to establish a documentary library on water history. Dr. Hayde emphasized the importance of these documentaries in educational activities and suggested that the library should be introduced and documented on the ICID website. In addition, the chairman pointed out that these documentaries can be used to increase public awareness and participation.
 - The Chairman presented the outlines of a research currently conducted in Iran on correlation between ENSO (El Nino Southern Oscillations) indices and historical dry and wet years in the country in 19th and 20th centuries. Many of the ENSO indices have been documented for last 200 years and in the lack of hydrological data for this period, exceptional dry and wet years are identified by reviewing the historical documents, books and newspapers. The main objective of the research is to enhance the accuracy of long-term forecasting climate models based on ENSO indices. At this stage important historical droughts and floods in 19th and 20th centuries in Iran have been identified and are being documented in a data bank.
 - Dr. Toussaint informed the WG members on the forthcoming 25th European Regional Conference at Groningen, the Netherlands during 16-20 May 2011. The theme is Deltas in Europe, Integrated water management or multiple land use in flat coastal areas. Institutional arrangements and history are one of the topics. The second announcement was distributed amongst the members and observers. The deadline for the submission of abstracts was extended until 1 December 2010. The WG members were encouraged to submit abstracts, also on non-European subjects.
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Minutes of the Second Meeting of the
WORKING GROUP ON ENVIRONMENT (WG-ENV)
 Yogyakarta, Indonesia
 11 October 2010 : 09.00-12.30 hours
Strategy Theme: Basin

Year of Establishment: 2008

Completion of the Mandate: 2014

Mandate: To provide guidance to policy makers, planners, designers, and managers in the irrigation and drainage sector on the environmental aspects of drainage and irrigation systems. The environmental aspects are physical, chemical, ecological, socio-economic and cultural, as well as concerns to the effects on climate and human health. By looking at environmental aspects, the working group will aim for the management of a sustainable environment, maximizing positive and minimizing adverse effects of irrigation and drainage systems”.

Members Present: (1) Dr. Hu Heping, Chairman, 2005 (China, 2000), (2) Prof. Yih-Chi Tan, Vice Chairman (Chinese Taipei) represented by Prof. Ray Shyan Wu; (3) Mr. Mohammad Kazem Siah (Iran) represented by Mr. S.A. Assadollahi; (4) Mr. Osmo Antero Purhonen (Finland); (5) Mr. Taner Kimence (Turkey) represented by Ahmet Seren; (6) Dr. Sylvain-Roger Perret (France); and (7) Secretary General M. Gopalakrishnan, ICID Central Office.

Member Honoraire Present: (i) Mr. Peter Lee, President Hon., ICID (UK).

Permanent Observer: VPH H. El-Atfy (Egypt) represented by VP Dr. Samia El-Guindy.

Observers: (i) Mr. Clarke Ballard (Australia); (ii) Dr. Michael van der Laan (South Africa); (iii) Dr. Gerhard Backeberg (South Africa); (iv) Alemtsehay Tsegay Beyene (Ethiopia); (v) Emmanvez C. Kipkorir (Kenya); (vi) Mrs. GNC Zuma-Netshiukhni (South Africa); (vii) Dr. Kazumi Yamaoka (Japan); (viii) Sarwono Christianto (Indonesia); (ix) Dr. Andrew Sanewe (South Africa); (x) Maris Jean Gabriel (South Africa); (xi) Zaid Adekunle Bello (South Africa); (xii) Francois Chretien (Canada); (xiii) Mr. Laurie Tollefson (Canada); (xiv) Dr. Luis Rendon Pimentel (Mexico); (xv) Mukhlis Zainol Akidin (Malaysia); (xvi) Bert Pijpers (Netherlands); (xvii) I Wayan Budiasa (Indonesia); (xviii) Dr. Yacob Belette (South Africa); (xix) Mr. Zare Abbas (Iran); (xx) Mojtaba Navavi (Iran); and (xxi) Jaradi Mohamad Sadegh (Iran).

Website: <<http://www.wg-env.icidonline.org>>

Item 1 : Confirmation of the minutes of 1st meeting of the WG-ENV

The minutes of the first meeting of the WG-ENV held at New Delhi in December 2009 were confirmed.

Item 2 : Membership of the Working Group

2.1 Past nominations

The following nominations were accepted as new members:

- Mr Clarke Ballard was confirmed as the Australian representative.
- Dr Michael van der Laan was confirmed as the South African representative.

2.2 Non-attendance or contribution of the members

In accordance with ICID By-law 3.1.7, the inactive members listed below will be replaced in consultation with their National Committees:

- Dr. Smiljan Juvan (Slovenia)
- Dr. (Mrs.) Shaden Abdel Gawad (Egypt)
- Prof. Almeida Fernandez (Portugal)
- Mr. Belguenani Hassane (Morocco)
- Prof. Dr. Natha Hungspreug (Thailand)

The members present expressed their concern about the poor attendance of the members in the WG-ENV meeting. ICID Central Office was requested to remind National Committees of their commitment to the WG-ENV, and, if current members are not in a position to fulfil their commitments in terms of participation and attendance, then the National Committees are requested to nominate fresh members.

2.3 Election of Chair/ Vice Chair and Secretary of the WG

Since Dr Van den Eertwegh was unable to continue his duties as Secretary and the Vice Chair, Prof Yih-Chi Tan not being able to attend the second WG-ENV meeting, it was proposed that new members be nominated to fulfil these roles. This was supported by Prof Yih-Chi Tan's (Vice Chairman) representative Prof Ray Shyan Wu. Prof Sylvain-Roger Perret (France) was subsequently selected as the new Vice Chair and Dr Michael van der Laan (South Africa) was selected as the new Secretary. The election of a new Chair, Vice Chair and Secretary will remain on the agenda for the meeting in Tehran in 2011.

A ISSUES EMERGING FROM THE ERSTWHILE WG-ENV

Item 3 : The improvement of agricultural return flow and requirement of environmental flow

Mr. Stephen Mills (Australia) was not available at the Yogyakarta meeting. The presentation on "Water and nutrients in the Australian landscape" was made by Mr. Clarke Ballard (Australia) during the Yogyakarta workshop in October 2010.

B ISSUES EMERGING FROM THE NEW WG MANDATE

Item 4 : Environmental aspects of irrigation and drainage projects

Item 5 : Impacts of irrigation and drainage projects on human health

Item 6 : Management of a sustainable environment (maximizing positive and minimizing adverse effects of irrigation and drainage systems)

The Vice Chair for the meeting Prof Ray -Shyan Wu commented that the above-mentioned issues have not been addressed in the previous WG-ENV meetings, and formally requested members to volunteer and assume responsibility for one of these items, while recognizing that there might be over-lap between certain items. In response, Mr Osmo Antero Purhonen (Finland) suggested that the Executive could play a role in indentifying teams of four to six people to work on a particular item, potentially resulting in useful information for the next meeting. Dr Gerhard Backeberg further proposed that the executive prepare a workplan and circulate this amongst members for comments. A workshop on the work completed can then be organised during the next meeting. The Vice Chair agreed that the executive would draft such a workplan and request feedback from members. The Vice Chair appealed that representatives of members communicate to those members that the WG-ENV will be an active and productive workgroup.

Item 7 : Website of WG-ENV

The Chair Dr. Heping informed that the website was currently active and thanked those who had already made contributions. The Chair also requested members to make further contributions to improve the range of information available on the website. The Vice Chair suggested that a committee be set-up to draft a simple questionnaire to

identify important issues and members be asked to contribute. The Members agreed to this. Mr Osmo Antero Purhonen suggested that a pre-prepared list of important issues be included in the questionnaire which may help members identify these issues and facilitate the process.

Item 8 : ICID position paper of WG-ENV

The Chair Dr. Heping queried whether it was possible to prepare this paper for Tehran meeting in 2011. Vice Chair for the meeting Prof. Wu opined that there was uncertainty so as to what has already been done, and would find out more from Dr Van den Eertwegh, the former Secretary. The Vice Chair stated that an outline or even a draft can then be circulated among members and contributions requested, adding that this would be a very important deliverable for 2014 and would be placed on the agenda for Tehran meeting in 2011.

Item 9 : Workshop on 'Nutrient leaching from agricultural soils' on 12 October 2010

The following papers were selected for presentation at the workshop:

- Applying measurement and modelling to improve estimates of solute leaching losses by Michael van der Laan (South Africa)
- Simulation based optimization and monitoring of Nitrogen by Sabine Walser (Germany)
- Internal drainage and leaching under water table conditions: Lessons learnt from case studies in South Africa by Leon van Rensburg
- Wetlands as means of reducing nutrient load from agricultural fields by Osmo Purhonen (Finland)
- Water and nutrients in the Australian landscape by Clarke Ballard (Australia)
- Nitrogen leaching from agricultural soils in China by Hu Heping (China)
- Introduction to life-cycle assessment and potential application for irrigation systems by Sylvain-Roger Perret (France)

Item 10 : Work plan of the WG

Chair Dr. Heping indicated that this item had already been addressed above (items 3-8).

Item 11 : Any other business

- **Freshwater Ecosystem Monitoring Working Group**

The Chair Dr. Heping informed the members that information regarding this new workgroup has been circulated and requested members for their possible contributions, as well as contributions for the new climate change workgroup.

Minutes of the Twenty-eighth Meeting of the
WORKING GROUP ON DRAINAGE (WG-DRG)
 Yogyakarta, Indonesia
 11 October 2010: 09.00-12.30 hours
Strategy Theme: Systems

Date of Establishment: 1983

Completion of the Mandate: 2013

Mandate:

- To promote drainage as part of integrated water resources management; and
- To promote sustainable approaches for drainage and related projects through a balanced integration of (1) environmental, (2) economic, and (3) social and cultural aspects.

Members: (1) VP Dr. W.F. Vlotman, Chairman, 2001 (Australia, 2000); (2) Mr. Bernard Vincent, Secretary (France, 2007); (3) VPH M.H. Amer (Egypt, 1988); (4) Mr. Chen, Hung-Kwai (Chinese Taipei, 1997) represented by Mr. Cheng, Chang-Chi; (5) Dr. Mohammad Bybordi (Iran, 2000) represented by Majed Parvan; (6) Dr. M. Nawaz Bhutta (Pakistan, 2002) represented by Husnain Ahmad; (7) Mr. Rauno Peltomaa (Finland, 2002) represented by Jaakko Sierla; (8) Mr. AT van Collier (South Africa, 2006) represented by Jan Potgieter; (9) VP Shinsuke Ota (Japan, 2006) represented by A. Nakazawa; (10) Dr. Yurii Yanko (Russia, 2006) represented by I. Manko.

Apology: Dr. James Ayars

Permanent Observer: President Chandra. A. Madramootoo (Canada)

Member Honoraire Present: (i) Prof. Peter Kovalenko, Vice President, ICID (Ukraine); (ii) Mr. Felix Reinders, Vice President Hon., ICID (South Africa).

Observers: (i) Dr. Rubiyanto H. Susanto (Indonesia); (ii) Dr. S. Bouarfa (France); (iii) Hanes Pur (Estonia); (iv) Irina Boundarik (Russia); (v) Melnikov Alexander (South Africa); (vi) Leon Van Rensburg (South Africa); (vii) Tesar Hidayat; (viii) Leo E. Semburg; (ix) Ilmar Piyub (PMA); (x) Mr. Mati Tonisme (Estonia); (xi) Mohammud C.H (Malaysia); (xii) Pei-Chun Ni (Chinese Taipei).

Website: <<http://www.wg-drg.icidonline.org>>

At the outset, Chairman allocated the time for discussing the Group's agenda as follows:

A. General business	09:00 (20 Minutes)
B1. Work plan	09:20 (40 Minutes)
B2. International drainage Workshops	10:00 (30 Minutes)
Coffee / Tea break	10:30-10:45 (15 Minutes)
C. Presentations	10:45 – 12:30 (10 Minutes)

A. GENERAL BUSINESS

Item 1 : Confirmation of the minutes of the 27th meeting of the Working Group held at New Delhi

The minutes of the 27th meeting of the Working Group held at New Delhi in December 2009 were confirmed.

Item 2 : To review membership of the Working Group

The Estonian National Committee (ESTCID) has nominated Mr. Mati Tonismae for the membership of the Group. CV of Mr. Tonismae was tabled at the meeting and his nomination was accepted and applauded.

As decided at the New Delhi meeting held in December 2009, the Central Office has informed the WG's decision of termination of the nominations of Mr. Ahmed Mohammad Aziz, and Dr. Anzeim Carl Albertovitch to the National Committees of Iraq and Kazakhstan, respectively due to non-attendance of the meeting consecutively for the last three years. As proposed by the WG, the Central Office had requested the National Committees of Iraq (IRQCID) and Kazakhstan (KAZCID) to send a fresh nomination for the membership of the WG for consideration at the Yogyakarta meeting. As there was no response from these NCs, the nominations of Mr. Ahmed Mohammad Aziz, and Dr. Anzeim Carl Albertovitch were not accepted by the WG.

B. WORK PLAN

Item 3 : Activities of the Working Group

3.1 Technologies for reducing polluted drainage water and quality improvement

At the New Delhi meeting, Mr. Azim Ashayeri (representing Dr. Mohammad Bybordi, Iran) had proposed to contribute on the topic "Technologies for reducing polluted drainage water and quality improvement".

Accordingly, the Central Office had requested Mr. Ashayeri to prepare a paper/ note on the topic and send to Dr. J. Ayars (USA) with a copy to Dr. W.F. Vlotman, Chairman. As Mr. Ashayeri was not present and no document was forwarded to the representative of Iran, the presentation could not be held. It was suggested that Mr. Azim Ashayeri to prepare the presentation for the Tehran meeting and send it to the Chairman well in advance, preferably by February 2011.

3.2 Impact of climate change on drainage

Mr. Bernard Vincent was to make a presentation on "*Impact of climate change on drainage*" – based on the recent experiences in Maghreb and Australia at the meeting. However, Mr. Vincent clarified that this topic was never been his focus of activity and this might be due to some confusion while preparing the minutes of the last meeting. The WG therefore decided to terminate this topic due to lack of inputs. It was suggested that this topic may be dealt by other workbodies like WG-CLIMATE.

3.3 Societal perception of drainage

Mr. Bernard Vincent made presentation on "*Societal perception of drainage*" – based on the recent advances in France, at the meeting (also see item 7). The presentation will be made available on WG website 'Drainline'.

3.4 Updating database on 'Drained area in the world'

PH Bart Schultz presented and discussed 'Drainage and Irrigation Database' at the New Delhi meeting. The intention was to include a table on 'Drained area in the world' in the ICID Annual Report by updating the prevailing/ original data.

Accordingly, the Central Office prepared a table of the 'Region-wise world drained area' using the CEMAGREF database and that compiled by the Central Office during the last three years. The Central Office contacted National Committees of Ireland (IRCID), Netherlands (NETHCID), and Lithuania (LNCID) to confirm their drained areas. In case of the Netherlands, for example, the drained area reported includes that from urban area too. The data as received from these NCs has been incorporated in the table.

However, it was proposed that the data require validation from the respective National Committees. Mr. Bernard Vincent will approach the respective regional groups who will be invited to validate the data and forward information to the Central Office.

Item 4 : Workshops/ Special Sessions sponsored by the Working Group**4.1 11th International Drainage Workshop**

At the 59th IEC meeting held at Lahore, the Egyptian National Committee (ENCID) offered to host the 11th International Drainage Workshop along with the 63rd IEC in 2012, if approved by the IEC. At the 60th IEC meeting, the Russian National Committee (RUCID) has also proposed to organize 11th IDW in 2012 with the focus on 'Climate and Drainage'. The WG had proposed that both NCs will be invited to submit formal proposals for consideration at the Yogyakarta meeting.

Accordingly, the Central Office had requested both ENCID and RUCID to send their formal proposals. In response, RUCID has indicated their willingness to host the 11th IDW from 16-20 June 2012 and submitted the dully filled-in application form to the Central Office. ENCID confirmed its willingness to organise the 11th IDW a few days before the meeting and circulated a leaflet during the meeting.

VPH M.H. Amer (ENCID) and Dr. (Mrs.) Irene Bondarik (RUCID) presented their IDW proposals at the meeting.

The WG also discussed the possibility of organising a common event with ASABE - who organises the International Drainage Symposium (IDS) (also see item 6.) Considering the thematic overlapping and also the complementarities of the two organisations, it was suggested that bringing together the two events might spin off mutual benefits.

After extensive discussion and in depth debate, the group approved the following solution:

- ENCID will organise the 11th IDW at Cairo in September 2012
- RUCID will organise the 12th IDW at Saint Petersburg in June 2014
- ASABE will be approached to examine possibility for a common event at one of these dates (Action: B. Vincent)

4.2 Annual Internal Workshop of the Group

Since the recent past, the Group has been organizing internal workshops on the sidelines of its annual meetings. In these workshops, members voluntarily make presentations on the topic of their countries' interest.

At the New Delhi meeting, it was proposed that the Iranian National Committee (IRNCID) may be approached to explore if a workshop on the theme 'bioprocesses in irrigation and drainage' can be held at Tehran in 2011 which might open a door to other domains like mitigation techniques (also see item 6).

WG proposed that Secretary Bernard Vincent will contact IRNCID and provide feedback to members by December 2010 so as to arrive at the final decision.

Item 5 : Contribution to the website DRAINLINE

At the 27th meeting held at New Delhi, Dr. Vlotman, Chairman expressed that due to his new occupation/ engagement he will not be able to allocate time in contributing to the website and proposed that in future, the website will be maintained and operated by the Central Office.

Accordingly, the Central Office has been updating the website 'DRAINLINE' in consultation with the Chairman. All members of the WG are requested to visit the webpage <<http://www.wg-drg.icidonline.org/>> and contribute relevant information like - books, manuals, technical papers, proceedings of the national workshops, interesting pictures, new software, useful links etc. by communicating with the Central Office (icid@icid.org).

Item 6 : Other business**• Special Session of Drainage held at New Delhi on 8 December 2009**

A 'Special Session on Drainage' was held on the side lines of the 60th IEC/ 5th ARC at New Delhi. Referring to the presentations and subsequent debate related to bio-drainage at the special session, PH Bart Schultz reminded the group that the bio-drainage technique is not without danger. It was suggested to invite observations/ comments on

the topic of bio-drainage from amongst the group members. Considering the experience of Iran in the domain of bio-saline agriculture the similarity of both the techniques (bio-drainage and bio-saline agriculture) stood acknowledged but more discussions would be useful.

The above observations were reiterated at the meeting and it was recommended that if this is to remain an activity of the WG, it is expected that the Indian National Committee (INCID) and its representative will take the lead in this activity. Dr. Kulkarni of ICID has indicated that he will follow up with the INCID. India is requested to prepare a detailed plan of action by February 2011 and circulate this to the WG-DRG members. If appropriate the INCID may want to submit an article for Tehran on this topic for the Congress.

- **9th International Drainage Symposium, 13-16 June 2010, Quebec City, Canada**

The 9th International Drainage Symposium (IDS) was held from 13-16 June 2010 in conjunction with the 17th World Congress of the International Commission of Agricultural Engineering (CIGR) at Quebec City, Canada. The symposium was organized by the American Society of Agricultural and Biological Engineers (ASABE).

Mr. Bernard Vincent has attended the symposium and presented outcome/highlights of the event at the meeting. It was concluded that both events have similar focus but address different communities; IDS seems more oriented towards solutions, while IDW appears to be more focused on research and development. Both events have to coordinate their efforts at an opportune time. The proceedings of the IDS are available via the ASABE website.

- **Linkedin Agricultural Drainage Group**

Dr. W.F. Vlotman in April 2010 has informed all members of the WG about the launch of Agricultural Drainage Group by him via the LinkedIn and invited members to join the group. He said that the LinkedIn Agricultural Drainage Group is a professional network open to all those persons interested in the networking in the agricultural drainage community. Members are requested to get in touch with VP Dr. Vlotman to join the LinkedIn.

Chairman explained through PPT about the LinkedIn and invited members to register.

C. PRESENTATIONS/WORKSHOP/SUMMARY

Item 7 : Presentations from members/ member countries

- **Presentation by Indonesian National Committee (INACID)**

Dr. Robiyanto H. Susanto of INACID made presentation on 'Overview of lowland development & management in Indonesia for food production'.

- **Presentation by French National Committee (AFEID)**

Mr. Bernard Vincent made presentation on 'Lesson gained from French R&D programs for pesticides dissipation by use of constructed wetlands'. The paper evoked social aspects of project co-construction.

- **Presentation by Egyptian National Committee (ENCID)**

VPH Dr. M.H. Amer made a presentation "On-farm water management program for irrigation and drainage for Africa".

Item 8 : General discussion and summary of the meeting

VP Vlotman, Chairman summarized the key decisions/ recommendations of the group and closed the meeting by thanking all members and observers for their input and discussion.

Minutes of the Third Meeting of the
WORKING GROUP ON TECHNOLOGY AND RESEARCH UPTAKE AND EXCHANGE (WG-TRUE)
Yogyakarta, Indonesia
11 October 2010: 13.30-17.00 hours
Strategy Theme: Knowledge

Year of Establishment: 2007

Completion of the Mandate: 2011

Mandate: To support research and development of technology and innovation processes for improved irrigation and drainage

Members Present: (1) Prof. L. Vincent, Chairperson, 2007 (The Netherlands, 1995); (2) Dr. (Mrs.) Shaden Abdel-Gawad, Vice Chairperson, 2007 (Egypt, 2001) represented by Dr. M.H. Amer; (3) Dr. (Mrs.) Irene Bondarik (Russia, 2001); (4) Prof. J.G. Annandale (South Africa, 2003) represented by Dr. G.R. Backeberg; (5) Mr. Ezzatollah Farhadi (Iran, 2005) represented by Mr. S.A. Assadollahi; (6) Dr. K. Palanisami (India, 2005) represented by Sugandh Rajaram; (7) Dr. Mohamud Che Husain (Malaysia, 2005); (8) Mr. Stephen Mills (Australia, 2005) represented by Ian Moorhouse; (9) Dr. Kazumi Yamaoka (Japan, 2009); (10) Mr. Indra Raj (India, 2009) represented by VP A.K. Bajaj; (11) Dr. Mochammad Basuki Hadimuljono, Indonesian representative (INACID); and (12) Er. Gopalakrishnan, Secretary General, ICID.

Member Honoraire Present: (i) Prof. Hector Malano, Vice President Hon., ICID (Australia); (ii) Dr. Hafied Gany, Vice President, ICID (Indonesia); (iii) Dr. Shinsuke Ota, Vice President, ICID (Japan).

Observers: (i) Michael van der Laan (South Africa); (ii) Budi Indra Setiawan (Indonesia); (iii) Mohd Amin Mohd Soom (Malaysia); (iv) I.N. Norken (Indonesia); (v) D.K. Suanda (Indonesia); (vi) Joong Dae Chol (South Korea); (vii) Robiyanto H. Susanto (Indonesia); (viii) Helvecio M. Saturnino (Brazil); (ix) Mr. Francois Chretien (Canada); (x) Nul Hanif Utama (Indonesia); (xi) Brian Davidson (Australia); (xii) Yasushi Fukuda (Japan); (xiii) GNC Zuma-Metshukhvi (South Africa); (xiv) Hayati Zainal (Malaysia); (xv) Mohd Azmi b. Ismail (Malaysia); (xvi) Chris Bennett (Australia); (xvii) Alemtsehay Tsegay Beyene (Ethiopia); (xviii) Arie Moerwanto (Indonesia); (xix) Rahmad Yuhendra (Indonesia); (xx) Eri Gas Ekaputra (Indonesia); (xxi) Fransisca Mulyantari (Indonesia).

Website: <<http://www.wg-true.icidonline.org>>

Chairperson Prof. Linden Vincent opened the meeting and provided a brief background of WG-TRUE and outlined the meeting agenda. It was agreed to begin with an internal workshop using part of the meeting time.

Presentations were made by:

1. Dr Kazumi (Japan) on the topic "Technology Facilitating Communication Between Farmers and Service Agencies",
2. Dr. Mohamud Che Husain (Malaysia) on the topic "Understanding the Lack of Agricultural technology Uptake",
3. Ian Moorhouse (Australia) presented on the topic of "The R&D Program undertaken by Goulburn-Murray Water in Australia", and
4. Prof Linden Vincent on the topic "Farmer Uptake of Sprinkler Technologies in Peru".

Subsequent to the presentations, there was a considerable discussion on the challenges faced while working with farmers to drive effective adoption of research outcomes. The workshop was well attended by about 40 people.

The presentations provided some background material on the two topics proposed by the WG at the last meeting, viz., research on tools that facilitate production and productivity of crops; and farmers' participation in research. It

was suggested that the third proposed topic 'research that facilitates modernization' could still be followed up in future.

Following the workshop, the Chairperson resumed discussion of agenda items.

Item 1 : Confirmation of the minutes of the 2nd meeting held in New Delhi

The minutes of the 2nd meeting of the WG held in New Delhi in December 2009 were confirmed.

Item 2 : Review of membership, including new nominations

Dr. Moch. Basuki Hadimuljono (Indonesia) made a brief presentation in support of his nomination for the membership of WG-TRUE. It was resolved to accept Dr Mochamad Basuki Hadimuljono for the membership of the group.

Item 3 : Mandate of the Working Group

There was considerable discussion regarding the current mandate and tenure of the Group and whether the Group should undertake new work, since the current mandate expires in 2011.

It was resolved that the current mandate should remain unchanged and that the Group should endeavor to complete the ongoing activities by 2011.

It was resolved to renew efforts as regards:

1. Reporting on what has been achieved;
2. While the research in Asian countries has been well documented, that in the African countries has been less covered to date and should be addressed; and
3. WG should look to progress provision of information regarding outcomes and adoption processes.

For the next meeting in Tehran, it was agreed that case studies regarding the impact of research should be provided, dealing with the question "To what extent has research driven the uptake and adoption process?" Other proposals on 'Research that facilitates modernization' which was suggested at the 2009 meeting but was not covered in the workshop. Also case studies could be drawn on the fields proposed from the questionnaire of the Working Group (item 5.4 below).

It was suggested that these topics could be dealt either by submitting papers for the Tehran Congress or discussed at the IPTRID-Way Forward meeting to be held on 13 October at Yogyakarta.

Item 4 : Tenure of the Working Group

It was resolved that the tenure of the WG-TRUE should remain unchanged.

Item 5 : Activities of the WG-TRUE

It was resolved that no new activities be assigned to the WG and that the efforts as outlined in Item 3 to complete the agreed tasks under the mandate would be the priorities for the next year (2011).

5.3 Follow-up from the 5th World Water Forum recommendations

There were no further recommendations from the WG.

5.4 Questionnaire for the Working Group

It was resolved that the four major response categories from the questionnaire would make an excellent guide for the development of case studies. These categories were:

- (i) Reducing associated costs;
- (ii) Improving crop yields and water savings by way of adopting appropriate cropping patterns/irrigation methods/practices;
- (iii) Implementing better operation and management; and
- (iv) Formulating policies and framing-up of institutional/organizational set up.

5.5 Revamping IPTRID

WG noted the latest developments in revitalizing of IPTRID. It was informed that the matter will be discussed in detail at the IPTRID meeting scheduled to be held on 13 October.

Item 6 : Webpage of the workbody

The Chairperson, Prof Linden Vincent hoped to post relevant material on the website over the next few months.

Item 7 : Research and Capacity development in irrigation and drainage

Research and capacity building was discussed and it was agreed that the WG-TRUE has fulfilled its mandate in this regard and does not have the capacity to address this further in the remaining time frame. This was also the view of the meeting in Delhi last year. New issues in the field developing since the completion of the WG-CBTE could be taken up in a new initiative around research and capacity building that might also develop with new proposals for IPTRID.

Item 8 : Any other business (with the permission of the Chair)

There was no further business and the meeting was closed.

Minutes of the Third meeting of the
WORKING GROUP ON WATER MANAGEMENT IN WATER STRESSED REGIONS (WG-DROUGHT)
 Yogyakarta, Indonesia
 11 October 2010: 13:30-17:00 hours
Strategy Theme: Basin

Year of Establishment: 2008

Completion of the Mandate: 2014

Mandate:

- (i) Drought Management Strategies: To capture field experiences of the implementation of drought risk management strategies.
- (ii) Coping with water scarcity
 - Critical evaluation of the validity of the crop water requirement computations based on climate data as a tool to be used in coping with water scarcity;
 - Approaches and strategies for incorporating economical justification when deciding on the amount of water to be allocated for agricultural production;
 - Re-defining, as necessary, the conventional irrigation efficiency concept;
 - Design, operation and maintenance of sand dams – Under-ground water reservoirs.
- (iii) Rainfall management for sustainable agriculture: Innovation and implementation of smart rainfall management technologies.

Members Present: (1) Vice President Hon. Franklin E. Dimick (USA, 2009), Chairman; (2) Mr. Mohammad Sadegh Jafari (Iran, 2009), Vice-Chairman; (3) Dr. Abraham Mehari Haile (The Netherlands, 2009), Secretary; (4) Vice President Hon. Dr. S. Nairizi (Iran, 2008); (5) Dr. Ragab Ragab (UK, 2008); (6) Mr. Anthony John Horton represented by Mr. Clarke Ballard; (7) Mr. Graziano Ghinassi (Italy, 2008); (8) Dr. T. Watanabe (Japan, 2008); (9) Dr. T.B. S. Rajput (India, 2009) represented by Sugandh Rajaram; (10) Prof. Chang-Chi Cheng (Chinese Taipei, 2008); and (11) Secretary General, ICID.

Observers: (i) Ing. Helvecio Mattana Saturnino (Brazil); (ii) Ir. Yenesew Mengiste Yihun (UNESCO-IHE, The Netherlands); (iii) Ir. Mary F. Fabcia (South Africa); (iv) Ir. Andre Roux (South Africa); (v) VPH Hafied Gany (Indonesia); (vi) Ir. Kipkorir C. Emmanuez (Keyna); (vii) Ir. Maurice Roos (USA); (viii) Ir. Bert Pijpers (The Netherlands); (ix) Ir. Mukhlis Zainol Abidin (Malaysia); (x) Ir. Taner Kimenge (Turkey); (xi) Ir. Alemtsehay Tsegay Beyene (Ethiopia); (xii) Ir. Sue Walker (South Africa); (xiii) Ir. Asha Karunaratne (Sri Lanka); (xiv) Ir. Zaid Avekunle Bello (South Africa); (xv) Ir. Sudhir Man Baisyat (Nepal); (xvi) Mr. Uttam Raj Timilsina (Nepal); (xvii) Ir. Mathura Dangal (Nepal); (xviii) Ir. S. M. Ali Zaidi (Pakistan); and (xix) Mr. Laurie Tollefson (Canada).

Website: <<http://www.wg-iadws.icidonline.org>>.

Chairman opened the meeting at 13:38 hours with a warm welcome to the 29 participants – 11 WG members and 19 observers (attendance sheet with ICID Central Office).

Item 1 : Confirmation of the minutes of the 2nd meeting of the WG-DROUGHT

The minutes of the 2nd meeting of the WG-DROUGHT at New Delhi, India (2009) were confirmed.

Item 2 : Review of membership

Nominations for membership

- Dr. Kiwood Park (Korea), Dr. Polevoy Anatoliy (Ukraine), Engr. Qazi Tallat Mahmood Siddiqui (Pakistan), and Dr. Teodoro Estrela Monreal (Spain) were neither present nor represented. Confirmation of their membership was delayed till the next meeting in October 2011 at Tehran, Iran.
- Dr. Benjamin de León Mojarro (Mexico): Representative was present. Dr. Nairizi shared his support for the nominee explaining that he has been a very active contributor to the activities of the WG. There were no objections. *Nomination was approved.*

Resignation from Membership:

Dr. Nairizi from Iran offered his resignation as the current Vice-Chair of the WG is from Iran and that according to the membership rules only one member is allowed to represent any given country. His resignation was accepted.

Termination of memberships:

The memberships of Mrs. Jianxin Mu (China) and VPH Dr. Hussein El Atfy (Egypt) were terminated as these members have not been present/represented in the past two meetings of the WG and have not actively contributed.

Item 3 : WG-IADWS (erstwhile) publication – “Irrigation under Drought and Water Scarcity”

- Dr. Nairizi explained that the publication was updated and the changes made were accepted by the authors. An editorial team has been set-up to make final editorial and some organizational changes and write the publication in a Book format.
- The WG members approved the publication of the Book and urged the ICID Publication and Public Relations Committee to realize its speedy publication in 2010. The Committee was also urged to ensure that the Book has ISBN number.
- As informed by the Vice-Chair, Mahab Ghodss Consulting Engineering Co. has offered to sponsor part of the publication cost of the Book, but some supplementary funding may be required.
- The Chairman urged the current and previous member countries represented in the WG as well as the ICID Central Office to cooperate and do all possible to cover the supplementary funding required.

Item 4 : Drought Management Strategies – Theme 1

- Extensive discussion was held on the title of the Theme and the following topics emerged:
 - Short term strategies and long term strategies need to be developed.
 - Effects on society need to be considered in addition to the engineering aspects of drought management strategies.
 - Water marketing must also be included in developing drought management strategies.
 - Fish and wildlife and environmental concerns must also be included in developing drought management Strategies.
 - Compilation of case studies would benefit the development of drought management strategies.
 - Any long term strategy must include predictions of climate change effects.
 - Environmental consequences of droughts must be considered when developing drought management strategies.
 - WG members agreed that these topics were relevant and needed to be addressed under Theme 1, but that the title of the Theme should be modified as follows: *Drought management strategies in water stressed/scarce regions.*
 - It was agreed that the modified Theme title reflects and captures well the focus of the WG, which is “*Water Management in Water Stressed Regions*”.
-

- Prof. Chang-Chi Cheng (Chinese Taipei) volunteered to be *Theme leader* and was accepted.

Item 5 : Coping with Water Scarcity – Theme 2

- The Chairman introduced the topics that have been so far suggested for Theme 2 as listed below and asked for further comments and suggestions.

Topics suggested by the Vice Chairman in 2009:

- Re-allocation of water during droughts will have legal ramifications due to water rights, etc.
 - There is a need to clarify how irrigation efficiency is determined and its validity.
 - Case studies would be helpful in compiling ideas on how to conserve water. The compilation and studying of these case studies may result in developing new concepts on irrigation practices.
 - *Some new ideas suggested by the Vice-Chairman:*
 - Validation and credibility of the appropriate computational methods of crop water requirement most adaptable to water stressed regions.
 - Design criteria and practices of irrigation and drainage systems in water stressed regions.
 - Existing international practices and experiences in modification and improvement of irrigation methods in water stressed regions.
 - Existing international practices and experiences in collection and making use of non-conventional waters in irrigation in water stressed regions
- It was noted that there is overlap and correlation between Themes 1 and 2 and that the Theme leaders would have to work closely and ensure that there are synergies and complimentary outputs with regard to the shared topics.
 - With regard to the suggestion to add the topic on “Strategies” in Theme 2 – this topic is already listed in Theme 1 - the distinction is made that in case of Theme 1 “Strategy” refers to ‘Planning - how to deal with drought and water scarcity, while in Theme 2, “Strategy” focuses on ‘how to live with and practically cope with water scarcity’.
 - Mr. Mohammad Sadegh Jafari, Vice-Chairman (Iran) volunteered and was accepted as *Theme Leader* - Dr. Abraham Mehari Haile, Secretary (The Netherlands) volunteered to cooperate with and assist the Theme Leader.

Item 6 : Rainfall Management for Sustainable Agriculture – Theme 3

- Extensive discussion was held on the topics outlined below as well as the title of the Theme.

Topics suggested by the Vice Chairman in 2009:

- how to approach the Rainfall Management for Sustainable Agriculture,
- collecting data on how much rainfall is used in irrigated and non-irrigated crops,
- quantifying effective rainfall in crop production together with how to improve its effectiveness through technology,
- the need to change the cropping practices to effectively utilize the rainfall and,
- the need to document the successful studies in rainfall management.

New topics suggested by the Vice-Chairman:

- introducing new practices and experiences in rainfall management, including; cloud seeding, cloud harvesting, fog trapping, and fog harvesting, and
 - Introducing experiences and practices in increasing rainfall effectiveness in supplying crop water requirement (i.e. rainfall forecasting and adapting irrigation system operation practices and its structural and managerial requirements).
-

- The WG agreed to modify the Theme Title to: ***Rainfall Harvesting and Management for Sustainable Agriculture in Water Stressed/Scarce Regions***
- The decision with regard to defining the “appropriate level of water harvesting” has been delayed till next meeting in 2011 in order to gain additional information on what is the appropriate level that falls within the overall scope of the mandate and activities of the WG.
- Mr. Clarke Ballard (Australia), who will be replacing Mr. Anthony Horton from the Australian National Committee, volunteered and was accepted to be the Theme Leader

The Chairman requested all WG members to join any of the three Themes and asked the Theme Leaders to distribute the list of their respective members among all members of the WG by 20 October, 2010. If by this date, there are still WG members who have not voluntarily joined their preferred Themes, Chairman will take the liberty to assign them to a Theme he thinks they can make the greater contribution.

Item 7 : Product or output of the Working Group:

For the final WG output it was agreed that the three Theme Leaders and members produce a comprehensive single document.

Item 8 : Development of a timeline for completion of mandate

The following timeline was agreed:

- 2011 : Status of where we are - Theme leaders present preliminary outputs in the WG meeting.
- 2012: draft of what we have - Theme leaders present intermediate outputs in the WG meeting.
- 2013: Draft Final concrete output – Theme leaders and members present final findings possibly in a workshop.
- 2014: Preparing final product – Theme leaders and members synthesize their respective outputs into a single comprehensive WG document by also including, as necessary, any additional external information obtained from the workshop.

Item 9 : Any other business

Proposal by the International Centre for Agricultural Research in the Dry Areas (ICARDA) to lead an independent Technical session on: Improving agricultural water productivity under scarcity and climate change in dry areas for 2-3 hours during the 21st ICID Congress.

- This proposal is being considered by the ICID Central Office.
 - WG members have recommended the proposal to be approved as the output of this workshop could greatly enhance the activities of the erstwhile WG-IADWS in preparing its document.
-

Minutes of the Nineteenth Meeting of the
COMMITTEE ON PUBLIC RELATIONS AND PUBLICATIONS (C-PR&P)
 Yogyakarta, Indonesia
 12 October 2010: 09:00-12:30 hours
Strategy Theme: Knowledge

Year of Establishment: 1992

Mandate:

- To describe the economic, social and environmental aspects of water resources projects which help provide food and fibre to mankind through irrigation; to identify the audiences and their interests, and suggest the appropriate type of communication and who should carry it out; to encourage National Committees to adopt a proactive role in communicating the role of water resources projects in serving mankind; and to encourage the use of communications specialists to ensure that the ICID public relations effort is effective.
- General management tasks - Development of concept of ICID publication series; set procedure for approval of publications; identification of (inter) national publishers and setting up of cooperative arrangements; marketing and pricing; and cooperation with publishers and National Committees for sale of publications.
- Editorial management tasks - Monitoring of and liaison with authors and editors on proposed and approved manuscripts; classification of proposed manuscripts for the relevant ICID services; calculation of prices and costs; fixing number of copies of books; public relations for publications, recommendations on subsequent publications of ICID.

Members Present: (1) VPH Larry D. Stephens, Chairman (USA, 1992); (2) PH Peter S. Lee (UK, 1993); (3) Ms. Anne Currey (Australia, 1998) represented by Mohsin Hafeez; (4) PH Prof. Bart Schultz (The Netherlands, 2009); (5) Mr. A.K. Ganju (India, 2009) represented by VP A.K. Bajaj; and (6) Secretary General represented by Dr. S. A. Kulkarni, Executive Secretary, ICID.

Member Honoraire Present: Prof. Dr. Chandra Madramootoo (Canada), President, ICID.

Observers: (i) Dr. Park, Sang Hyun (Korea); and (ii) Huang Jiasheng (China).

Website: <<http://www.c-prp.icidonline.org>>

Item 1 : Confirmation of the minutes of the 18th meeting of C-PR&P

The Minutes of the 18th meeting of C-PR&P held at New Delhi were confirmed.

Item 2 : Review of the membership

No changes in membership were proposed.

President Honoraire Peter Lee noted that he will need to step down from the Committee unless the ongoing scheduling conflict with the ERWG is changed. The Committee asks Central Office to note this request and ensure that the schedule for future IEC meetings reflect this request.

CONTINUING ITEMS

Item 3 : Publications brought out and under processing during the period 2009-2010

3.1 Publications brought out by the Central Office

3.1.1 *ICID News Update*

The Central Office noted that several National Committees have requested that the *ICID News Update* be printed and mailed. Noting these requests and that the cost of doing so is only US\$70 per issue, the Committee agrees with the proposal, and recommends that printing the *ICID News Update* should be resumed.

3.1.2 *ICID News*

Publication of *ICID News* is continuing to improve. The News is circulated to National Committees as well as affiliated organizations. Dr. Kulkarni thanked the Committee Chairman for his prompt editorial suggestions for *ICID News*.

3.1.3 *ICID Annual Report*

A copy of the 2009-2010 Annual Report was circulated for review.

Committee commended the Central Office efforts in bringing out a quality and well structured 'Annual Report 2009-10'. Dr. Kulkarni invited the Committee to review the Annual Report and suggest any changes that could be made to improve the Report further. The next Annual Report will be issued in July 2011 — review comments are needed by March 2011.

3.1.4 *Special Publications*

The Committee noted the publications that have been issued during the past year.

3.2 Publications by National Committees

The Committee noted the publications issued by National Committees during the past year.

The Central Office will invite National Committees to send copies of their publications to Central Office Library.

3.3 Publications under processing

Dr. Park noted that the WG-SDTA document 'Sustainable Development of Tidal Area' will be ready for publication by the end of 2010. He also noted that the publication will be sponsored by the National Committees of Korea, Japan and Chinese Taipei. The Working Group will discuss marketing and will expect members to make commitments to purchase copies.

PH Dr. Bart Schultz noted that he has contacted Wiley to discuss publication of *Inter-Basin Water Transfer*. He anticipates that the publication be ready for publication by the Iran Congress.

The other three publications listed have not yet been finalized for publication.

Item 4 : Sale of publications/Congress Transactions during the period 2009-2010

4.1 Sale of Publications

The Committee reviewed the sale of publications. Dr. Kulkarni reported that there have been several sales of items especially 'Water Saving in Agriculture' and 'Manual for Performance Evaluation of Sprinkler and Drip Irrigation Systems in Different Agro-climatic Regions of the World' among others at the venue of the conference.

Dr. Schultz noted that with modern digital copy technology copies can be printed on demand. The Committee suggests that Central Office explore using such technology for future publications.

4.2 Sale of Congress Transactions

Regarding the Congress Transactions, the Committee urges the National Committees hosting the Congress to pay for the extra copies of the Transactions they have ordered.

Item 5 : Report of Joint Editors of ICID Journal

Dr. Bart Schultz reported on the status of the ICID Journal, noting that there were 3 special issues in 2009 and ICID received significant royalties. There will be no special issues for 2010, but there are possibilities for special issues in 2011. The backlog of papers continues to increase. Efforts to increase the number of pages have not resulted in agreement. The result is that only about ¼ of the papers offered for publications are accepted.

He further noted that additional associate editors may be needed to keep up with the backlog of papers.

Item 6 : Review of website

The Committee reviewed the ICID website and made several suggestions:

1. Home page is crowded and should be simplified.
2. The home page should be refreshed quarterly with new pictures.
3. New important publications, e.g. the Annual Report, should be given prominence on the home page with a link to the publication.
4. On the table of National Committee links, an additional column should be added to provide the link to the NC home page.
5. The ICID News should be organized by title with a link to the issues that are available.
6. Online purchase of publications should be available, exploring alternative methods for providing secure purchases.

Dr. Kulkarni noted these suggestions and indicated that the Central Office would implement the suggestions by the end of 2010.

Item 7 : Establishment of websites by Workbodies

The Committee noted that many of the Committee and Working Groups now have websites.

Item 8 : Any other business

No other business was offered. The meeting was adjourned at 10:30 hours.

Minutes of the Fifth Meeting of the
**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND
 AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**
 Yogyakarta, Indonesia
 12 October 2010: 09.00-12.30 hours
Strategy Theme: Systems

Year of Establishment: 2005

Completion of the Mandate: 2014

Mandate:

- To review the progression of and predictions for Global Climate Change (GCC) and climate variability,
- To explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood control,
- To stimulate discussion and raise awareness of water-related GCC issues within the ICID family,
- To stimulate discussion at national scales among scientists, policy makers, and, through the media, the general public on GCC and water, and
- To join the international dialogue on GCC and water.

Members: (1) VPH Dr. Mark Svendsen, Chairman (USA, 2006); (2) Dr. Tsugihiko Watanabe, Vice Chairman (Japan, 2006); (3) Dr. Ray Shyan Wu, Secretary, 2009 (Chinese Taipei, 2007); (4) VPH Dr. Karim Shiati (Iran, 2006) represented by Mohammad Sadegh Jafari; (5) Dr. Kim Russell (Australia, 2007) represented by VPH Prof. Hector Malano; (6) Dr. Krishna Kumar Kanikicharla (India, 2007) represented by Sugandh Rajaram; (7) Prof. Heping Hu (China, 2008); and (8) Prof. Sue Walker (South Africa, 2009).

Permanent Observer: Dr. P. Steduto, FAO Representative.

Member Honoraire Present: (i) Mr. Aly M. Shady, President Hon., ICID (Canada); (ii) Mr Shinsuke Ota, Vice President, ICID (Japan); (iii) Dr. Samia El-Guindy, Vice President, ICID (Egypt).

Observers: Sixty observers were present at the session at various times (pl. see Annex).

Website: <<http://www.wg-climate.icidonline.org>>

Item 1 : Confirmation of the minutes of the 4th meeting of the Working Group held at New Delhi

The minutes of the 4th meeting of the Working Group held at New Delhi in December 2009 were confirmed.

Item 2 : Review of membership

Dr. Ir. Roestam Sjarief (Indonesia) and Dr. Juan A. Rodriguez-Diaz (Spain), nominees to the Working Group, were present and their nominations were accepted.

The following nominations were deferred due to their non-attendance at the meeting:

- Dr. Edward Keith Weatherhead (UK)
- Ir. C.W.J. Roest (The Netherlands)
- Mr. Naseer Ahmed Gillani (Pakistan)
- Ms. Flaviana S. Hilario (Philippines)

CONTINUING ITEMS

Item 3 : Work Plan of the Group

Dr. Svendsen, Chairman, outlined the WG's primary function of sharing information and knowledge among countries, the science community and managers. Communications between the WG, the Secretary General, and IRNCID (Iran) has produced an agreement for WG-Climate to co-sponsor and support the *Symposium on Climate Change and Impacts on Soil and Water Resources* in Tehran 2011. The WG will post the information relating to this symposium in its Website and will encourage members and observers from past meetings to submit abstracts for and participate in the Symposium. The WG also agreed to help review papers if desired by the host organizers.

The Chairman and Vice Chairman attended the World Water Week (WWW) at Stockholm in September 2010. The Chairman described WWW as a forum for the exchange of views and experiences between scientists, policy makers, and business people around the world and reported that the theme for WWW 2012 is *Water and Food Security*. The Chairman reported initial interactions with the Research Institute for Humanity and Nature (RIHN) in Japan, SIWI, and FAO regarding the organization of a one-day Seminar at WWW 2012 on the topic *Adapting Agriculture to a Climate Changing World*. The group agreed that this would be a useful seminar and that WG-CLIMATE should request authorization from PCTA and IEC to take on the role of convener of such a session. Conclusions and insights generated in the Tehran meeting could be further explored in the WWW 2012 session.

The vice-chairman noted that the present mandate of the WG expires in 2011. The chairman placed this issue on the floor and described pros and cons of extending the WG mandate. Several speakers from the floor indicated that the climate change, water, agriculture nexus remained a critically important topic and is the subject of several international meetings scheduled during the next two years. Consequently the group decided to request the PCTA and IEC to extend its mandate until 2014.

The work plan of the WG would include the following items.

- Continue a program of sharing knowledge among members and other interested parties;
- Co-sponsor and support the Tehran *Symposium on Climate Change Impacts on Soil and Water Resources* (see Item 9);
- Serve as convener, on behalf of ICID, of a one-day session at the 2012 WWW in Stockholm, which has as its theme *Water and Food Security*;
- Support preparations for ICID input to WWF6 on issues dealing with climate change; and
- Contribute to the UN Water Task Force on Water and Climate.

Item 4 : Website of the Working Group

The website of the Group (<http://140.115.62.223/raywu/ICID/index.php>) as prepared by Dr. Ray-Shyan Wu (Chinese Taipei) is fully functional. It is also accessible from a link on the ICID Workbodies page. The website provides updated information on membership, agenda, minutes, presentation etc. The presentations made in WG will be available in pdf form on the Website. Members are encouraged to access the webpage and provide relevant documents and pictures to Dr. Ray-Shyan Wu/ Central Office for posting.

Item 5 : Workshop on “Climate Change and the Global Food Supply”

Presentations were made by the following persons.

1. Mr. Maurice Roos, Chief Hydrologist, CA Department of Water Resources: Can We Save the California Delta From the Effects of Sea Level Rise?
 2. VP Shinsuke OTA, ARTF-CC: Japan's Countermeasures for Global Warming and Activities of Asian Regional Task Force on Climate Change
 3. Prof. Sue Walker, University of the Free State: Agricultural Interventions for Climate Variability
 4. Prof. Ray-Shyan Wu, National Central University: Climate Change Adaptation Strategies for Irrigation Affairs In Taiwan
-

Item 6 : UN Water Task Force on “Water and Climate”

UN Water had initiated a Task Force on “Water and Climate” under the overall coordination of the World Meteorological Organization (WMO). The Task Force represents a response to the call for cross-sectoral collaboration and provided an opportunity to discuss climate change and water linkages and supports the UN System as it prepares to meet the challenges posed by climate change. Chair Steduto of UN WATER explained current activities. He indicated that ICID is a member of the UN-Water Task Force on Water and Climate through WG-CLIMATE which is chaired by Avinash Tyagi of WMO. Chairman agreed to contact Dr Tyagi to explore further collaboration.

A Task Force on ‘Climate Change and Irrigation (ARTF-CC) of Asian Regional Working Group (ASRWG) focuses on studying the impacts and strategies for addressing / adopting the challenges of climate change in irrigation and water management for sustainable agriculture. A side meeting between Vice Presidents Shinsuke Ota (Japan) and Dr. A. Hafied A. Gany (Indonesia) was held on 3rd March 2010 in Tokyo for discussing the activities related to ARTF-CC. Indonesia is an important country in South East Asia whose experiences are to be incorporated in the ARTF-CC report. Appropriate case study formats, proposed work assignment and further action plan of ARTF-CC were discussed in the VPs meeting. During the meeting of VPH Karim Shiati with VP Shinsuke Ota in Japan on 13-14 July 2010, all the case studies received from countries of Turkey, China, Indonesia and Australia were reviewed. The ARTF-CC has proposed to bring out a new strategy based upon case studies. VP Ota delivered presentation in this WG meeting.

Item 7 : WG related communications

The Central Office circulated a number of web links to web-based resources and documents related to climate change as received from other international organizations among members from time to time. These include the following.

- UN-Water Policy brief “Climate Change Adaptation: The Pivotal Role of Water” (www.unwater.org)
- Report of the Workshop on “Key Challenges to adaptations in the water sector”, Bonn, Germany, May 2010, (http://www.unwater.org/downloads/Report_4thMeeting-WCC-TPA.pdf)
- Action Pledges: Making a difference on the ground. A synthesis of outcomes, good practices, lessons learned, and future challenges and opportunities (http://unfccc.int/resource/docs/publications/09_nwp_action_pledges_en.pdf)
- Climate Change; Impacts, Vulnerabilities and Adaptation in Developing Countries, December 2007 (<http://unfccc.int/resource/docs/publications/impacts.pdf>)
- Climate warming demands fresh thinking about security policy, Michael Renner, January/February 2010, World Watch (www.worldwatch.org)
- Climate Change (http://www.iwmi.cgiar.org/Topics/Climate_Change/default.aspx)
- UNESCO Publications (<http://www.unesco.org/water/wwap/pccp/pubs/05may09-1.shtml>)
- Climate change reference guide – Alice McKeown and Gary Gardner (<http://www.worldwater.org/stateoftheworld>)
- Adapting Water Management – A primer on coping with climate change, John H. Matthews and Tom Le Quesne, March 2009, WWF3 Water Securities Series 3 (http://wwf.panda.org/what_we_do/how_we_work/conservation/freshwater/)
- Chapter 1 – Understating the links between climate change and development, World Development Report 2010; <http://econ.worldbank.org>
- Chapter 3 - Managing land and water to feed nine billion people and protect natural systems, World Development Report 2010; <http://econ.worldbank.org>
- Index of NAPA projects by sectors (http://unfccc.int/files/cooperation_support/least_developed_countries_portal/napa_project_database/application/pdf/napa_index_by_sector.pdf)

- Nairobi work Programme: Partners and Pledges Database (http://unfccc.int/adaptation/nairobi_work_programme/partners_and_action_pledges/items/5005.php)
- Compendium on methods and tools to evaluate impacts of, and vulnerability and adaptation to climate change (http://unfccc.int/adaptation/nairobi_workprogramme/knowledge_resources_and_publications/items/5457.php)
- Submitted National Communications for non-Annex I Parties (http://unfccc.int/national_reports/non-annex_i_natcom/submitted_natcom/items/653.php)
- <http://www.unesco.org/water/wwap/pccp/pubs/05may09-1.shtml>
- http://www.unece.org/env/water/publications/documents/Guidance_water_climate.pdf
- http://www.unece.org/env/water/publications/documents/Guidance_water_climate_r.pdf
- <ftp://ftp.fao.org/docrep/fao/010/i0142e/i0142e07.pdf>
- <http://www.fao.org/nr/water/climatechange.html>
- http://www.fao.org/nr/water/docs/wwf5/wdm_crops_and_drops/Producing-Enough-Food-Kuylenstierna-Burke.pdf
- <ftp://ftp.fao.org/docrep/fao/010/i0142e/i0142e00.pdf>
- <ftp://ftp.fao.org/docrep/fao/011/aj982e/aj982e02.pdf>
- <ftp://ftp.fao.org/docrep/fao/011/i0765e/I0765E13.PDF>
- Climate Change Impacts in Drought and Flood Affected Areas: Case Studies in India, 1 June 2008, Document of the World Bank, Report No. 43946-IN (<http://www-wds.worldbank.org/>)
- The water resources policies under global climate change in Taiwan – Chun-Hsian Chen Director of Water Resources Agency, Ministry of Economic Affairs, *Taiwan*; Asian Regional Working Group of ICID, Chinese Taipei Committee of ICID (CTCID)

Item 8 : Methane flux from irrigated wetlands rice fields

At the New Delhi meeting, the WG accepted to accommodate the topic “*Methane Flux from Irrigated Wetland Rice Fields*” transferred from WG-ENV in its agenda. Vice Chairman Watanabe described a new research program at RIHN on methane measurements from a new Japanese satellite from paddy fields is just getting underway and offered to report findings at a subsequent meeting of the WG.

Item 9 : Symposium on Climate Change at Tehran in 2011

A *Symposium on Climate Change Impacts on Soil and Water Resources* will be held at the time of 21st International Congress on Irrigation and Drainage at Tehran in October 2011. Background note and scope of the symposium are available in the “Call for papers” at <<http://www.icid2011.org>>.

Chairman vide his letter of 15 September 2010 has proposed to co-sponsor the *Symposium on Climate Change Impacts on Soil and Water Resources* during the 21st ICID Congress to be held in October 2011 in Tehran, IRNCID (Iran) welcomed the initiative of WG-Climate. Members are encouraged to submit papers through their National Committees.

Item 10 : Any other business

The Chairman thanked the attendees for participating in the meeting.

**WORKING GROUP ON GLOBAL CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

LIST OF OBSERVERS DURING THE 5th MEETING OF WG-CLIMATE

Australia	(1) Ian Moorhouse, (2) Brian Davidson
Canada	(3) Mr. Francois Chrétien
China	(4) Ding Kunlun , (5) Guang Yong Li
Chinese Taipei	(6) Kao, Ruey-Chy, (7) Pei-Chun Ni
Ethiopia	(8) Alemtsehay Tsegay Beyene
India	(9) P. Ramanagowda, (10) Dr. K.Y. Reddy
Indonesia	(11) Fransisca Mulyantari, (12) Arif Setiadi Mofrwanto, (13) Dr. Roestam Sjarief, (14) Budi Sehawan, (15) I Nyuman Norken, (16) Ismi Farida, (17) Adi Suroyo P, (18) Bebi Hendrawibawa, (19) Moh. Hasan, (20), Sarwono Christianto, (21) Sri Ritawati, (22) Arris Maulana, (23) Tri Mulymo, (24) Dolfaudri, (25) Joula Marsella, (26) Agnes Yustikarini, (27) Suwarli, (28) Yumawan Saputra, (29) Rizal Siregar
Iran	(30) Jaradi-Mohamad Sadegh, (31) Zare-Abbas, (32) Nabari Mojtaba, (33) Enaytollah Farahani
Japan	(34) Kunihiko Naito, (35) Koji Inosako, (36) Yasushi Fukuda
Kenya	(37) Dmmanuel Kipkorir
Korea	(38) Prof. Tai Cheol, Kim
Malaysia	(39) Mukhlis Zainol Abidin, (40)Mohd Azmi Ismail
Mali	(41) Paul Couilaly, (42) Kokyate Goundo Sissoko
Mexico	(43) Dr. Luis Rendon Pimentel
Nepal	(44) Uttam Raj Timilsina , (45) Sudhir Man Baisyat, (46) Mathura Dangol
Pakistan	(47) Syed Mansoob Ali Zaidi
South Africa	(48) Gugu Zuma-Netshiukhwi, (49) Zaid Adekunle Bello
Spain	(50) Dr. Juan Antonio Rodriguez Diaz
The Netherlands	(51) Abraham Mehari
Turkey	(52) Hasan Basri Yuksel
USA	(53) Michael D. Mierzwa, (54) Mr. Maurice Roos
International Organizations:	(55) Asha Karunarathi (FAO), (56) Ilmar Tupits (PMA)
Others:	(57) Rudi Drutiono, (58) Sbameffo, (59) Fraore Koure

Minutes of the First Meeting of the
TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)
Yogyakarta, Indonesia
12 October 2010: 09:00 – 12:30 hours

Members Present: (1) Mr. Laurie Tollefson, Chair (Canada); (2) Ing. Helvecio Mattana Saturnino (Brazil)
(3) Mr. M. Gopalakrishnan, Secretary General, ICID.

Terms of Reference (ToR): (*tentative*)

- Evolve “ICID’s position on Water for Bio-Energy and Food”.

Item 1 : Introductory remarks

Soon after the Management Board meeting held in Yogyakarta on 10 October 2010, Secretary General Gopalakrishnan informed that Mr. Laurie Tollefson (Canada) stood nominated as Chairman of the Task Force on Water for Bio-Energy and Food. Mr. Tollefson accepted the nomination to be the Chairman of the Task Force.

Ing. Helvecio Mattana Saturnino from Brazil and Mr. Sanjay Belsare from India were also nominated and were accepted as members of the Task Force.

Mr. Tollefson agreed that he will do what he can to move the Task Force forward and looked forward to working with the other members. Mr. Tollefson provided a few opening remarks and made a PowerPoint presentation on “*Water for energy or food*”. It covered a brief summary of the work of Dr. Henri Tardieu towards forming the Task Force and an update since that time. The group discussed the presentation and explored ways to move forward effectively.

Item 2 : Any Other Business

The Central Office had circulated an invitation to all National Committees for membership of the Task Force. It was agreed that Central Office would further solicit additional members for the Task Force. It was also agreed that the Task Force would work towards organizing a session at Tehran in 2011 where PowerPoint presentations could be made by selected country representatives. It was agreed that this would be a good first step in understanding this most complex issue i.e. water for energy or food, evolving ICID’s position on the subject as a logical next step.

Minutes of the First Meeting of the
TASK FORCE TO GUIDE ICID INPUTS TO WORLD WATER FORUM 6 (TF-WWF6)
Yogyakarta, Indonesia
12 October 2010: 15:30-17:00 hours

Item 1 : Introduction by the proposed Chair

At the outset, PH Prof. dr. Bart Schultz was accepted as the Chairman of the Task Force. He welcomed all the participants, especially Dr. Pasquale Steduto of FAO.

Preceding the TF meeting, at the initiative of FAO, a round table meeting on 'Water for Food Security' was held to present and discuss various relevant issues towards the preparation of the 6th World Water Forum (WWF6), to be held in March 2012 at Marseille, France. A brief report on the round table is attached as **Annex 1**.

Item 2 : Proposed Membership

The following members and permanent observers were proposed for acceptance by PCTA:

Members: (i) Prof. dr. Bart Schultz (The Netherlands), President Hon., ICID, Chair (ii) Mr. François Brelle (France), Vice Chair; (iii) Mr. Aly M. Shady (Canada), President Hon., ICID, (iv) Dr. Mark Svendsen (USA), Chairman, Working Group on Global Climate Change and Agricultural Water Management; (v) Dr. Willem F. Vlotman (Australia), Chairman, Working Group on Drainage, (vi) Mr. Felix Reinders (South Africa), Chairman, Working Group on On-farm Irrigation Systems, (vii) Secretary General, ICID, (viii) Dr. S.A. Kulkarni, ICID.

The other Chairmen of Workbodies interested in 'Water for Food Security', or other topics of World Water Forum 6 (WWF6) will be contacted to become member of the Task Force.

Permanent Observers: (i) Prof. dr. Chandra Madramootoo (Canada), President ICID, (ii) Dr. A. Hafied A. Gany (Indonesia), Chairman, PCSPOA, (iii) Dr. Hector Malano (Australia), Chairman, PCTA, (iv) Dr. Pasquale Steduto, FAO Representative; (v) Dr. Alain Vidal, CGIAR-IWMI Representative (vi) Dr. Safwat Abdel Dayem, Arab Water Council Representative.

Observers at the meeting and/or the round table: (i) Dr. A. Mehari Haile (The Netherlands); (ii) Mr. Uttam Raj Timilsina (Nepal); (iii) Prof. Lucio Ubertini (Italy); (iv) Mr. Willem van Diest (Indonesia); (v) Mr. Bernard Vincent (France); (vi) Dr. Moshin Hafeez (Australia); (vii) Mr. Jingwei Wu (China); (viii) Mr. Darwin Lubis (Indonesia); (ix) Mr. Francois Cretien (France); (x) Dr. Helvecio Mattana Saturnino (Brazil); (xi) Mr. Jaakko Sierla (Finland).

Item 3 : Report by the French National Committee (AFEID) on the Kick-off Forum meeting held during 2–4 June, Paris and Marseille, France

Mr. Bernard Vincent and Dr. Alain Vidal on behalf of AFEID presented various relevant points emerged from the Kick-off Forum meeting held on 2, 3 and 4 June 2010, Paris and Marseille, France and developments since then. These points are included in Annex 1.

Item 4 : Proposed Terms of Reference (ToR):

The proposed Terms of Reference (ToR) with a slight modification are recommended for acceptance by PCTA. The ToR is attached as **Annex 2**.

Item 5 : FAO initiative on 'Water for Food Security'

Dr. Pasquale Steduto appraised the FAO initiative on 'Water for Food Security' which he presented at the beginning of the round table preceding the meeting. The key elements of his presentation are also included in Annex 1.

Item 6 : Proposed activities up to WWF6

The second stakeholder meeting of the World Water Council (WWC) will take place in January 2011. In the meantime the Chairman of the Task Force and the Central Office will work in close cooperation with AFEID, FAO and other stakeholders of 'Water for Food Security' to prepare an informal proposal for the programme for this sector during WWF6.

It is hoped that the relevant workbodies will generate ideas and provide input on behalf of ICID to WWF6. The respective chairmen will be informed as soon as new developments are identified.

A half day session on *Water for Food Security with a focus on WWF6* is proposed to be held during the ICID Congress in October 2011 at Tehran, Iran.

Organisers of international and national level ICID meetings were requested to pay due attention in providing possible inputs to WWF6.

Item 7 : Other business

There was none and the meeting was closed by thanking all participants.

**Brief Report of the Round Table on
'Water for Food Security' held at Yogyakarta on 12 October 2010 from 13:30 to 17:00 hrs**

President ICID, Prof. Chandra Madramootoo welcomed the participants of the round table and stressed the importance of strong input by ICID.

Dr. Pasquale Steduto, FAO presented the developments so far with the preparations of WWF6. FAO is the only organisation that represents water for food in the board of the WWC. In addition Prof. Victor Dukhovny is a member of the Board in his personal capacity. FAO would like to take the lead with respect to the preparations for the 'Water for Food Security' aspects. It may be expected that, like with the previous Forum (WWF5), consortia will be formed on a voluntary basis. FAO likes to take the initiative with respect to 'Water and Food Security' and will work in close cooperation with ICID and other stakeholders. It is recommended that ICID supports this approach.

Dr. Steduto presented the organisation scheme that has been developed for WWF6 (Figure 1). In addition a scheme was presented with twelve key priorities for water action and three strategic directions (Figure.2).



Figure 1.

It is hoped that stakeholders from as many organizations as possible in societies will be represented in the Consortia, as expressed in Figure 3. An action oriented approach is envisaged as indicated in Figure 4.

Issues that are expected to be taken into account with respect to water for food security are:

- institutions;
- rural welfare;
- environmental sustainability;
- virtual water;
- agricultural water management;
- water nexus;
- implication of rural-urban competition and between agriculture and other sectors;
- water rights development;

- management;
- transfer/exchange mechanisms;
- agricultural efficiency and productivity in water use;
- effective public-private partnerships;
- implication of subsidies on the efficiency of water use;
- spatial dimensions of the food and water crisis;
- ways to reduce water footprint of agriculture;
- adding-value chains efficiency;
- groundwater management.

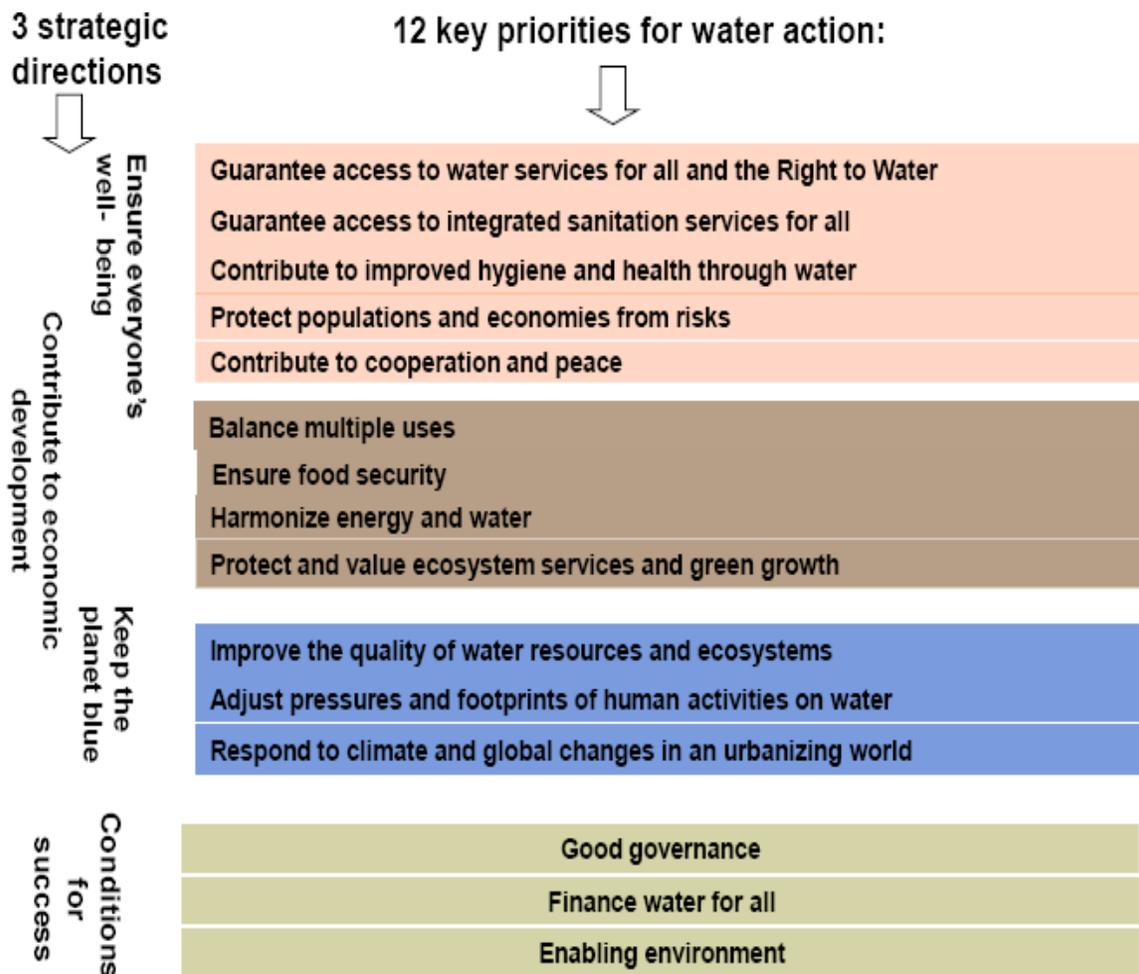


Figure 2. Twelve key priorities for water action and three strategic directions

The following steps were proposed to get organised:

- establishment of an informal *Consortium*;
- web-based platform for outreach;
- need to structure/organize the dialogue (bridging knowledge with action);
- Issues-> Analysis->Vision->Solutions;

- identification of strategies for higher impact (address key water nexus);
- confirmation of informal *Consortium*;
- confirmation of web-based platform;
- structure/ organisation of the dialog through questions. The answers would have to be the solutions;
- streamlining the dialog would have to result as well into the political process through messages.

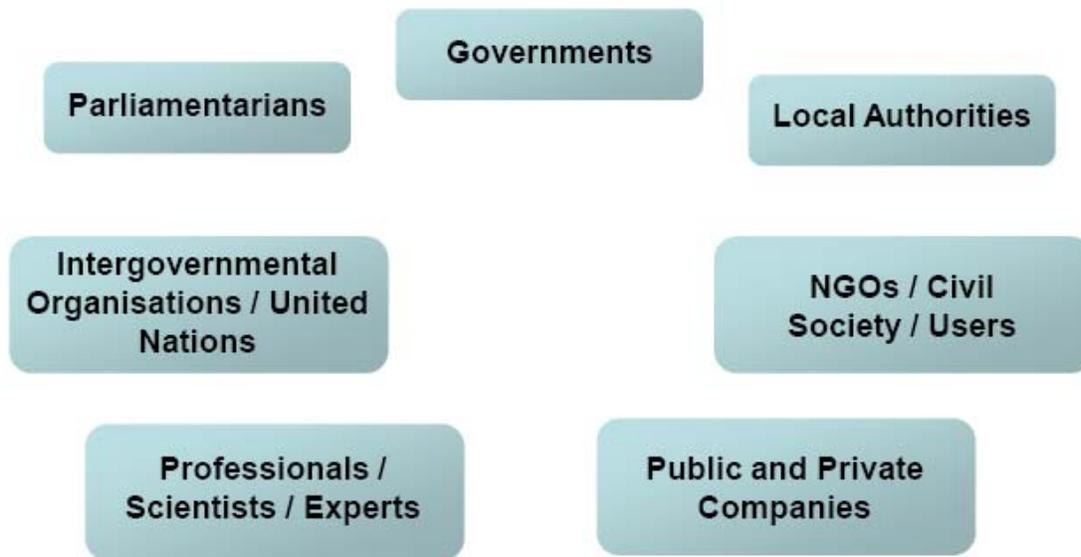


Figure 3. Preferred representation of organisations in societies in the different consortia to be established for WWF6



Figure 4. Representation of the action oriented approach that is envisaged for the preparation of WWF6.

Discussion

The various comments that were made during the discussion are summarised as follows:

- the topics are not very new as compared to the topics of the 2nd Forum held in 2000;
- governments and private sector should not stay away from creation of new water storages and would have to invest substantially in infrastructure. Where appropriate and feasible development banks would have to support such initiatives. In relation to this it may be of importance that the International Water Management Institute (IWMI) is conducting a study on the need for water storage, including groundwater storage, reuse and reclamation of urban water. They will also study how to bridge the gap between strategic WWC objectives/goals and having actual projects in place for implementation;
- regional variations would have to be more carefully taken into account during investigations and project preparation and design;
- the current economic models have to be revisited, especially with respect to smallholder market versus commercial interests. This is especially relevant with respect to population growth, increase in the standards of living and urbanisation (Figures 5 and .6);
- it will be of importance to have the ambassadors of solutions in the Consortium;
- an analysis to what extent market based objectives may be more effective than development cooperation based objectives would be of interest in the development of up to date approaches;
- especially, in quite some of the emerging countries farm sizes are increasing, investments seem to be especially made by the governments, private sector and farmers. What may be the consequences/impact of this on global food production, as well as on the contribution of smallholder farmers, mid level and large-scale farming to global food production;
- flood based farming systems can play a more important role, especially in least developed countries. Aside of their role in food production, they generally have a positive effect as well on flood reduction or even prevention downstream;

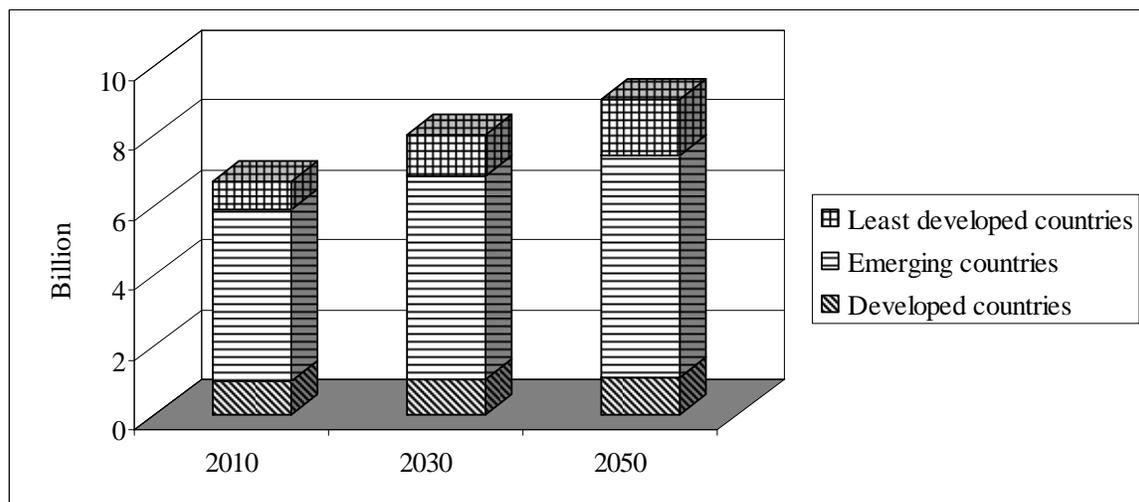


Figure 5. Population and population growth in the least developed, emerging and developed countries

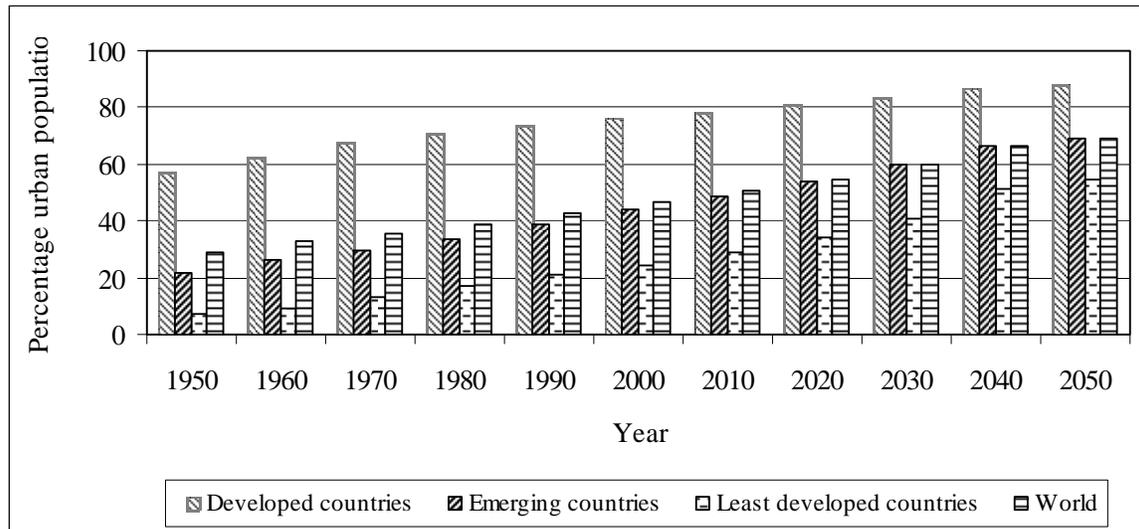


Figure 6. Growth of urban population in the developed, emerging and least developed countries, as well as at the global scale

- to what extent and under which conditions are developed and emerging countries – either public or private - investing in least developed countries to support their inland food production? What will be the consequences of this development for the least developed countries and how to deal with this?
- what may be the causes of stagnation in participatory irrigation management in certain countries and what mechanisms could be applied or newly developed to overcome this;
- will trading in water rights be useful in water scarce situations? Concrete examples of successes would be of interest.

**Proposed Terms of Reference for Task force to
guide ICID inputs to World Water Forum 6 (TF-WWF6)**

1. To liaise with 6th WWF Program Committee and other International Bodies, especially FAO;
 2. To provide overarching lead role on behalf of ICID for inputs to 6th WWF by liaising with:
 - (i) National Committees for inputs to the themes and sub-themes of the 6th WWF, of direct relevance to ICID,
 - (ii) Work bodies on specific subjects related with 6th WWF,
 3. To liaise with French National Committee (AFEID) for preparatory work of 6th WWF; and
 4. To recommend ICID inputs for 6th WWF for consideration in 62nd IEC.
-

Minutes of the Twenty-Fifth Meeting of the
WORKING GROUP ON COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)
 Yogyakarta, Indonesia
 12 October 2010: 13.30-17.00 hours
Strategy Theme: Basin

Year of Establishment: 1999

Completion of the Mandate: 2009

Mandate: To identify and disseminate various structural and non-structural measures of flood management, and to study the social, political and economic aspects of flood mitigation measures, ecologically sound development, international cooperation, as well as people's participation in disaster preparedness.

Members present: (1) Mr. Maurice Roos, Acting Chairman, (USA, 2006); (2) Dr. Kamran Emami, Vice-Chairman (Iran, 2009); (3) Dr. Takao Masumoto, Secretary (Japan, 2009); (4) Mr. Jin Soo Kim (Korea, 2000) represented by Mr. Young Jin Yoo; (5) Mr. Ahmet Seren (Turkey, 2006); (6) Mr. G.S. Purba (India, 2009) represented by A. K. Bajaj; and (7) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar.

Observers: (i) Mr. Michael D. Mierzwa (USA); (ii) Mr. Tri Mulyono (Indonesia); (iii) Mr. Tan Xuming (China); (iv) Mr. Mati Tonismae (Estonia); (v) Mr. Osmo Purhonen (Finland); (vi) PH Peter Lee (UK); (vii) Ms. Fransisca Mulyantari (Indonesia); (viii) Mr. Ariesetiadi Moerwato (Indonesia); (ix) Mr. Basuki (Indonesia); (x) Mr. Chaiwat Prechawit (Thailand); (xi) Dr. Arthon Suttigam (Thailand); (xii) Mr. Agus Pochiwat (Indonesia); (xiii) Mr. Sarwono Christiamto (Indonesia); (xiv) Mr. Dolfandri Firman D. (Indonesia); (xv) Ms. Arris Maulaha (Indonesia); (xvi) Mr. Nulhanif Utama (Indonesia); (xvii) Mr. Slanietto (Indonesia); (xviii) Mr. Ruch Prishono (Indonesia); (xix) Mr. Subani (Indonesia); (xx) Mr. dedi Mashudi (Indonesia); (xxi) Mr. Yasushi Fukuda (Japan); (xxii) Mr. Seok-soo Lee (Korea); (xxiii) Jakko Sierla (Finland); (xxiv) Mr. Pol Hakstege (The Netherlands); (xxv) Mr. Rahmad Eehendra (Indonesia); (xxvi) Mr. Erigas Ekompia (Indonesia); (xxvii) Mr. Pamungkas Budi (Indonesia); (xxviii) Ms. Agnes Yustikarini (Indonesia); (xxix) Mr. Syed Maunob Ae Zaidi (Pakistan); and (xxx) Mr. Husnain Ahmad (Pakistan).

Website: <http://www.wg-cafm.icidonline.org/>

Item 1 : Confirmation of the minutes of the 24th meeting of the Working Group

The minutes of the 24th meeting of the Working Group held on 07 December 2009 at New Delhi (India) were confirmed.

Item 2 : Review of the Membership of the Working Group

The German National Committee of ICID (GECID) nominated Dr.-Ing. Klaus Röttcher (Germany) for the membership of the WG-CAFM. Dr. Röttcher was not present and hence his nomination was deferred until the next meeting in 2011 at Tehran, Iran.

The nomination of Mr. Zarar Aslam (Pakistan) in place of Vice President Engr. Dr. I.B. Shaikh by Pakistan National Committee of ICID (PANCID) was deferred as he was not present, until the next meeting in 2011 at Tehran, Iran.

Ir. Jos van Alphen (The Netherlands) informed that he could not accept the offer of Chairmanship of the WG due to his preoccupation with other activities. Central Office may once again request NETHCID to explore whether someone could continue the Dutch presence in WG-CAFM.

Mr. V. C. Ballard (Australia) advised that he has retired as the Australian representative in WG-CAFM. The Australia National Committee of ICID (IAL) was planning to nominate a member for the WG-CAFM.

The Central Office may continue its efforts for fresh nominations from National Committees of Czech Republic, Canada, Indonesia and Morocco.

Attendance of members at meetings in 2008 and 2009 was presented during the meeting. It is observed that members from Hungary, Australia, South Africa, Korea, Croatia, Slovenia and The Netherlands have not been contributing to the activities of the WG for past two or more years. The Central Office may continue its efforts for fresh nominations from these National Committees.

2.1 Election of Chairman of the WG

Dr. K. Emami (Iran) Vice-Chairman was proposed to be the Chairman of the WG. As there were no other nominations, his nomination was accepted unanimously.

The Working Group may elect a new Vice-Chairman during the next meeting in October 2011 at Tehran, Iran.

Item 3 : Tenure and Mandate of WG

A coherent mandate or work plan awaits finalization. VP Engr. Dr. Illahi B. Shaikh, Interim Chairman of WG-CAFM conveyed (10 May 2010) that new emerging issues like climate change, sea level rises, flash floods, adaptation strategy of people living in flood prone areas etc. may be included in the new mandate.

The issue of tenure and the new mandate were discussed. Members commented that adaptive flood management strategies will be needed, in particular for people living in flood prone areas. The “adaptive flood management” could be considered in the new mandate. Further suggestions are welcome.

A new mandate and tenure for the WG needs to be developed by the Chairman in cooperation with the Secretary, taking above issues into consideration.

Item 4 : Presentations on Floods (Country Case Studies)

The WG members and especially the Chairman of WG-CAFM advocated the presentation of “devastating floods in Pakistan 2010” and the presentation was made by Mr. Husnain Ahmad (Pakistan). He presented the situation of the Pakistan’s severe floods since July 2010 and the hot topic of “*Comprehensive Flood Management Plan*” now under discussion. Mr. Ahmad was requested to submit a report on the subject the Central Office of ICID for its onward circulation to the members and observers who were present in the WG meeting at Yogyakarta. In addition, a video-film on ‘Pakistan Floods – 2010’ was screened with lively English narration.

Mr. Husnain Ahmad requested the WG to host a Workshop on the ‘Pakistan’s Devastating Floods in 2010 -Lessons to be Learned’ in Pakistan in early 2011 which may be attended by the experts and practitioners. The workshop could be co-organized by the WG, Pakistan Engineering Congress and the NPNCID. The support of UNDP could also be sought. The members agreed to refer this request to the PCTA meeting unanimously.

Ms. Fransisca Mulyantari (Ministry of Public Works, Indonesia) presented a summary of current flood management arrangements and operations in Indonesia on behalf of the Indonesian National Committee of ICID (INACID).

Item 5 : New Working Group on “Value Engineering”

As suggested by PCTA (2009), the WG proposed to organize a workshop on ‘*Value Engineering: its applications in Irrigation and Drainage*’ during its next meeting in October 2011 at Tehran, Iran. Dr. Emami proposed to write a booklet on “*Application of Value Engineering in Irrigation and Drainage Projects*” to be circulated among the National Committees.

Item 6 : New Structured Work Plan

In view of the new mandate, a new structured work plan for WG-CAFM still needs to be prepared and responsibilities assigned. The topic was discussed under Item 3 above, but it has not resulted into a coherent mandate or work plan. This will be an important item of business for the team of officers of the WG. It will be finalized in due course of time.

Item 7 : Any Other Business

- **Discussion Paper of WWDR-4**

The WG members noted the information made available by Central Office.

- **International Levee Handbook (ILH)**

An important new international project is commencing to produce an International Levee Handbook (ILH). Dr. Peter Lee (UK) presented the prospect and the scoping of the International Levee Handbook (ILH). He welcomed the contribution from individuals and/or countries by offering case study examples and information on particular aspects of national or regional best practices. These case studies could be 1-2 page in length and will be collected through the Central Office of ICID. Participants to the WG meeting, especially those from USA, Turkey, Indonesia, Japan, The Netherlands, Iran, Pakistan, and Australia agreed to contribute.

The project scoping report gives full details including the proposed contents list for the document and can be obtained at <<http://ciria.sharefile.com/d/scdb63d8ea674ed5b>>.

- **California Case Study of Flood Management**

Mr. Maurice Roos (USA) presented a case study on “*Coordination of Feather-Yube river flood operations in California*”. Lively discussions followed.

- **Information on 25th European Regional Conference during 16-20 May 2011 in The Netherlands**

Mr. Pol Hakstege (The Netherlands) introduced the 25th European Regional Conference, which will be held during 16-20 May 2011 at Groningen, The Netherlands. The Conference covers flood risk management and abstracts were welcome by December 2010.

Minutes of the Fourth Meeting of the
WORKING GROUP ON MODERNIZATION OF IRRIGATION SERVICES (WG-MIS)
 Yogyakarta, Indonesia
 12 October 2010 : 13.30-17.00 hours
Strategy Theme: Systems

Year of Establishment: 2007

Completion of the Mandate: 2012

Mandate: To provide a continuing focus in ICID for sustainable improvement of irrigation service delivery through progressive modernization of infrastructure, management and institution.

Members Present: (1) Dr. Francois Brelle, Vice Chairman (France, 2007); (2) Mr. Lee, Tsong-Hwei (Chinese Taipei, 2007); (3) Mr. Thomas E. Mitchel (USA, 2007) represented by Mr. Frank Dimick; (4) Dr. Jiesheng Huang (China, 2007); (5) Dr. M.K. Siahi (Iran, 2007) represented by Mohammad Sadegh Jafari; (6) Dr. Ashwani Kumar (India, 2008) represented by Sugandh Rajaram; (7) Dr. Masayoshi Satoh (Japan, 2008); (8) Mr. Andre Roux (South Africa, 2008); (9) Engr. Syed Mansoob Ali Zaidi (Pakistan, 2009).

Apology: Dr. Maurits Ertsen, Chairman

Observers: (i) Aliou Bamba (Mali); (ii) Mohd Amin Mohd Soom (Malaysia); (iii) Pei-Chun Ni (Chinese Taipei); (iv) Kipkorir C. Emmanuel (Kenya); (v) Sir Ritawati (Indonesia); (vi) Eri Gas Ekaputra (Indonesia); (vii) Ian Moorhouse (Australia); (viii) Mary Jean Gabriel (South Africa); (ix) Woo Nham (Korea); (x) Budi Setiawan (Indonesia); (xi) Dr. Juan Antonio Rodriguez-Diaz (Spain); (xii) Hayati Zainal (Malaysia); (xiii) Budiasa, Iwayan (Indonesia); (xiv) Chen, Chih Chung (Chinese Taipei); (xv) Shih-Wen Chou (Chinese Taipei); (xvi) Xie Chong Bao (China); (xvii) Hanhan A. Sotiyuddin; (xviii) Wen-pin Shu (Chinese Taipei); (xix) Ivan Chen (Indonesia); (xx) Dr. Tarek Kotb; (xxi) Walker, Sue (South Africa); (xxii) Dr. Adama Sangare (Mali); (xxiii) Mathura Dangol; (xxiv) Sudhir Man Baisyat; (xxv) Guangyong Li (China); (xxvi) Arthon Suttigarn.

Website: <<http://www.wg-mis.icidonline.org>>

Item 1 : Chair and Secretary

Dr. Maurits Ertsen, Chairman, WG-MIS vide e-mail of 19 July 2010 had informed the Central Office that he will not be attending the Yogyakarta events due to his preoccupation. Mr. Francois Brelle, Vice Chairman, therefore chaired the meeting and conducted the proceedings.

VP Dr. Willem Vlotman, Secretary of the Working Group had also informed that he would not be attending the WG meeting owing to his prior engagement elsewhere. He, however, has asked Mr. Ian Moorhouse, Deputy Chairman of the Australian National Committee to act as the secretary for the meeting.

Item 2 : Confirmation of the minutes of the 3rd meeting held at New Delhi

The minutes of the 3rd meeting of the Working Group held at New Delhi in December 2009 were confirmed.

Item 3 : Membership of the Group

The Australian National Committee has nominated Mr. Ian Moorhouse for the membership of the Group. His nomination was considered and accepted.

Attendance sheet of members for the meetings held in 2008 and 2009 was tabled at the meeting and copies were circulated.

Item 4 : Website of the Group

At the last meeting, the Chairman had requested all members to advice of any related reports or documents on modernisation of irrigation services so that the Central Office can upload those and/or provide web links to these publications. Members were encouraged to access the website and provide their input.

Item 5 : Un-Water Task Force on Indicators–Monitoring-Reporting

At the New Delhi meeting, the Working Group expressed an interest in knowing more about the developments of the UN-Water Task Force on Indicators-Monitoring-Reporting (IMR). The Chairman had contributed/ interacted with the TF-IMR. In absence of the Chairman, no further developments could be reported on the Task Force.

Item 6 : Internal Workshop of the WG

The following four comprehensive and informative power point presentations were made during the internal workshop.

The first presentation was made by Mr Mohd Yazid Abdullah from Malaysia on the *Application of the Mascotte approach in Modernisation of irrigation systems – A case study of the Tanjung Karang rice irrigation scheme in Malaysia*. The case study concluded that MASCOTTE was very useful in rapid appraisal method.

The second presentation was made by Dr Masayoshi SATOH from Japan on the *Modernisation of Irrigation Systems in Japan*. The presentation covered the special features of irrigation in Japan and a case study of the Toyogowa irrigation project under JWA management. It was brought out that for successful modernization of irrigation schemes some major conditions such as willingness of all stakeholders, especially water users, and their minimum but effective financial participation have to be fulfilled.

The third presentation was made by Mr. Wen-Pen SHU from Taiwan on *Modernisation strategy for irrigation management and a case study of the use of Mascotte in the Taoyuan irrigation system*. The case study draws useful conclusions and made some suggestions for improving the Mascotte approach, including remarks about the adequacy of certain indicators.

The fourth presentation was made by Mr. Ian Moorhouse from Australia on the *Modernisation of an irrigation business*. The case study considered the Goulburn Murray irrigation district and concluded with seven signs considered necessary for successful modernisation.

These presentations will be posted on WG website.

Item 7 : Work Plan of the Group for the period 2010-2012

The current work plan was considered by the Working Group and no changes were proposed.

It was felt that task No.1 on the use of Mascotte has been covered by the first and third presentations made during the meeting; while task No 2 on improvements to service delivery has been covered by the second and fourth presentations.

As regard to task No 3 on the history of modernisation, Working Group had no knowledge of any work currently being undertaken on history other than that being done by the Working Group on History (WG-HIST).

There was no report on task No 4- capacity building and members proposed to defer discussion on this item for the next meeting.

The Chairman had sought proposals from members in order to report the final outcomes of the Working Group and raised the idea of producing a special technical publication on modernisation of irrigation services. The document could then be presented in Marseille (France) or Adelaide (Australia) in 2012 at the completion of the tenure of the Working Group. It was agreed that the Chairman would follow up with individual members to plan and decide the further line of action.

Item 8 : Special Session on ‘Modernisation of Water Management Schemes’, October 2011, Tehran

Mrs. Robina Wahaj (FAO) through IRNCID had expressed FAO’s interest in organizing a full day session on ‘Modernization of Irrigation Schemes’ during the Tehran Congress. In response, the Central Office has asked the FAO to prepare a brief proposal about the event covering the broad details like program, speakers, expected participants, expected outcome, funding support etc. and send it to the Central Office. The proposal was to be discussed with the President, ICID, Secretary General, ICID, and Mr. Pasquale Steduto of FAO at Yogyakarta.

The WG would like to support this session and encouraged members to participate in the session.

Item 9 : Any other business

Since there was no other issue to discuss, the Vice Chairman concluded the meeting by thanking all those in attendance for their valuable participation.

Minutes of the Third Meeting of the
WORKING GROUP ON WATER AND CROPS (WG-CROP)
 Yogyakarta, Indonesia
 12 October 2010: 13:30-17:00 hours
Strategy Theme : On-Farm

Year of Establishment: 2007

Completion of the Mandate: 2013

Mandate: To promote the efficient use of water in crop production, to provide input to test crop water models, to investigate the use of energy crops for bio-fuel production, to develop techniques for rainfall harvesting, to promote the multifunctional use of water in paddy (rice) cultivation, to investigate the adaptation of agriculture to climate change and to promote low input agriculture.

Members present: (1) Dr. Ragab Ragab, Chairman (UK, 2007); (2) Mr. Laurie C. Tollefson, Vice-Chairman (Canada, 2009); (3) Prof. M.E.V. Scarascia (Italy, 2007) represented Dr. Graziano Ghinassi; (4) Dr Y Nakano (Japan, 2007) represented by Dr. Koji Inosako; (5) Mr. Tai Cheol Kim (Korea, 2007); (6) Dr. Andrew Sanewe (South Africa, 2007); (7) Dr. K. Yella Reddy (India, 2009); and (8) Mr. Jaleh Vaziri (Iran, 2009) represented by Dr. Enayatallah Farahani.

Observers: (i) Mr. Jboney Yeob Lee (Korea), (ii) Dr. Myung-Chul Eom (South Korea), (iii) Mr. Gadhang Swastyastv (Indonesia), (iv) Mr. Zaid Adekunle Bello (South Africa), (v) Mr. GMC Zuno-Nestshlukhw (RSA), (vi) Mr. Alemtsehay Tsegay Beyene (Ethiopia), (vii) Mr. Yenesew Mengiste Yihun (UNESCO-IHE, TheNetherlands), (viii) Mr. Dongkwon Kim (Korea), (ix) Mr. Jaf Rok Shim (Korea), (x) Dr. Francois Chretien (Canada), (xi) Dr. Samia El Gendy (Egypt), (xii) Mr. Mukhlis Zainol Abiun (Malaysia), (xiii) Dr. Jaekyoung Noh (Korea), (xiv) Mr. Hyuntai Kim (Korea), (xv) Dr. Byoung Soon Yoon (Korea), (xvi) Dr. Rogita Artrila (Indonesia), (xvii) Mr. Fengxin Wang (China), (xviii) Mr. Young Jin Yoo (Korea), (xix) Dr. Sue Walker (South Africa), (xx) Dr. Emmanuel K (Kenya), (xxi) Mr. Tetsuya Oishi (Japan), (xxii) Prof. Yasushi Fukuda (Japan), (xxiii) Sri Ritawati (Indonesia), (xxiv) Ir. Helvecio Saturnino (Brazil), and (xxv) Dr. Mohammed Sadegh Jafari (Iran)

Permanent Observers: No permanent observers participated in the WG meeting.

Working Group website: <<http://www.wg-crop.icidonline.org>>.

Item 1 : Confirmation of the minutes of the 2nd meeting the WG-CROP

The minutes of the 2nd meeting of the Working Group held at New Delhi, India (2009) were confirmed

Item 2 : Review of the membership of the Working Group

The Japan National Committee of ICID (JNC-ICID) has nominated Dr Koji Inosako for the membership of the WG in place of Dr. Y. Nakano. The WG has accepted the nomination.

The WG decided to recommend dropping the non-participating members from WG, if any member fails to attend the Meeting (*and/or actively contribute to the activities of the WG*) consecutively for two years following the ICID by-law 3.1.7.

2.1 Observer Status to ICRISAT

Agreed to continue the Observer Status of ICRISAT in WG-CROP.

2.2 Election of new Secretary

Dr K. Yella Reddy (India) has been elected unanimously as Secretary of the WG.

A ITEMS EMERGING FROM THE ERSTWHILE WG-CROP**Item 3 : Organic versus Conventional Farming**

This item has been completed.

Item 4 : Precision Agriculture

The Chairman briefed the WG about automation and use of sensor for irrigation and fertiliser applications in many developed countries with reference to the Precision Agriculture meeting in Denver Colorado in July 2010. Mr. Jaleh Vaziri (Iran) will present a paper on '*Precision Agriculture in Iran*' during the next meeting of WG in October 2010 at Tehran, Iran.

Item 5 : Website of WG

The Chairman proposed to place SALTMED model and other related documents in the website of WG for free download by members.

B ITEMS EMERGING FROM THE NEW MANDATE**Item 6 : Promote the efficient use of water and low input in crop production**

The WG agreed to add the concepts of Water Footprint and Virtual Water to Item 6.

All members were requested to contribute to this item. The Chairman will give presentation on water footprint during the 7th ARC at Tehran, Iran.

Item 7 : Provide input to test crop water models

The members have been requested to test the different crop water models with their local data. The SALTMED Model and required Input data Templates will be uploaded into the website of the group.

Item 8 : Energy crops for bio-fuel production

ICID has set up special Task Force for Bio-fuels and hence the Group members will support the task force on this item.

Item 9 : Develop techniques for rainfall harvesting

The Chairman gave presentation on Rainfall Harvesting at different scales during the WG meeting and with this the item has been addressed and completed.

Item 10 : Multi-functionality of water use in paddy (Rice) cultivation

The Group Members Mr Kim (Korea) and Koji Inosako (Japan) have agreed to work together on this subject and come up with paper/report for the next meeting in October 2011 at Tehran, Iran. Also Dr.Graziano Ghinassi (Italy) will report on the work being done in Italy on the subject at Tehran meeting.

Item 11 : Adaptation of agriculture to climate change

The WG decided to change the title of item 11 to '*Management of Agriculture under Climate Change*' The Chairman requested Mr Mohammed Sadegh Jafari (Iran) to prepare a report on Iranian Experiences and make the presentation during the workshop proposed to be held at Tehran, Iran.

Item 12 : Work Plan

(1) The WG decided to organize a workshop on '*Management of Agriculture under Climate Change*' at Tehran, Iran in October 2011 with the consent of IRNCID.

- (2) Members will work on different crop models with their local data
- (3) SALTMED model and other related documents will be posted in the website of WG for free download by members.
- (4) The Chairman will give presentation on 'Water footprints' at 7th ARC in October 2010 at Tehran, Iran.
- (5) The WG members Mr Kim (Korea) and Koji Inosako (Japan) will come up with paper/report on '*Multi-functionality of water use in paddy (rice) cultivation*'. Also Dr. Graziano Ghinassi (Italy) will report on the work being done in Italy.

12.1 International Workshop on 'Water Saving Practices in Agriculture'

This will take place on 13 October 2010 where six important papers covering the subject will be presented. *(The workshop has since been successfully completed. There was good participation in the workshop including FAO representation. Very healthy and purposeful interaction took place in the workshop. It was very well managed and successfully conducted.)*

Item 13 : Any other business

The Chairman will represent the ICID President at the International Conference 'World Crop 2010' in London (UK) and present a paper on '*Water and Food Security*'.

INWEPF Symposium in Thailand

Mr. Kim (Korea) has reported on the outcome of the symposium held in Thailand. The 5th THAICID National Symposium and 1st Thailand INWEPF (International Network for Water and Ecosystem in Paddy Fields) Symposium were jointly held on 17 June 2010 in Nonthaburi Province, Thailand. The symposium theme was "*Multiple Roles of Paddy Fields Related to Integrated Resources Management*".

FAO/UNW-DPC /ICID side event in Indonesia

A side event preceding the 61st International Executive Council (IEC) and 6th Asian Regional Conference (ARC) was held during 8-9 October 2010 at Yogyakarta, Indonesia. This event was jointly organized under the Framework of Cooperation between FAO / UNW-DPC / ICID, as a follow-up of the MoU, signed between ICID and UN-Water Decade Programme on Capacity Development (UNW-DPC). The goal of this event was to provide an overview of the most strategic applications of 'Aqua Crop' model of FAO in different agro-climate conditions.

Presentations by WG members:

Total four presentations were made in the session:

1. Rainfall Harvest - Ragab Ragab
 2. Water Use Efficiency in Irrigated Crop Production –Laurie Tollefson
 3. Food Crops under Global warming and changing water availability- G Ghinassi
 4. Counter Measures Against Climate Change- Tai Cheol Kim
-

Minutes of the Fourth Meeting of the
TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)
 Yogyakarta, Indonesia
 12 October 2010: 13:30-18:00 hours

Year of Establishment: 2007

Mandate: The focus of the TF will be to get a better understanding and insight (assessment) of: (i) the required investments and beneficiaries of those investments in agricultural water; (ii) the presently available financing mechanisms and constraints for maintaining or improving physical irrigation capacity; and (iii) the expected changes and innovations for more appropriate mechanisms to enable sustainable water use for food production.

Members present: (1) Dr. Gerhard R. Backeberg, Chairman (South Africa, 2009); (2) Dr. Sylvain-Roger Perret, Secretary (France, 2009); (3) Dr. K. Yamaoka (Japan, 2009); (4) Dr. Brian Davidson (Australia, 2009); and (5) Dr. Vijay Labhsetwar, ICID Central Office.

Others : (i) Dr. Chung, Kung-Ming (Chinese Taipei); (ii) Dr. Kunihiko Naito (Japan); (iii) Mr. Shin Takano (Japan); and (iv) Ing. Agr. Sergio de Agrela (Uruguay).

Item 0 : Condolence on the demise of Vice President Hon. Dr. Henri Tardieu

A moment of silence was observed in memory and honour of VPH Henri Tardieu (France), as an active contributing member of the TF-FIN, and as a friend.

Item 1 : Confirmation of minutes of the 3rd meeting of TF-FIN held at New Delhi, India

The minutes of the 3rd meeting of TF-FIN held in December 2009 at New Delhi were approved, with a slight improvement regarding reference to J.P. Gittinger (1982) (on top of p. A-142 of minutes).

Item 2 : Membership of the Task Force

Memberships of Dr. Sylvain-Roger Perret (France) and Dr. Brian Davidson (Australia) have been confirmed. The Pakistani (PANCID) and Indian (INCID) National Committees nominated Mr. Bashir Ahmad Sial and Ms. Anany Ray, respectively, for the membership of the TF-FIN. These two proposed members were not present at the TF-FIN meeting and confirmation of their membership had to be postponed until the next meeting of the TF in October 2011 at Tehran, Iran.

Mr. Eric Viala (USA) had not been active for the last 3 years. ICID Central Office was requested to contact USCID, and encourage Mr. Viala to participate, or nominate another member.

NEW ITEMS

Item 3 : Proposed Work Plan up to 2012

The proposed work plan attached to the agenda of the Meeting as Annex 1 was discussed and accepted, subject to continuation of the TF-FIN, as discussed under Item 8.

Item 4 : Converting the Task Force to a Working Group

After discussing the alternatives, the members present decided to continue the activities as a Task Force.

Item 5 : Workshop on “Country Policies and Strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation” during the TF-FIN meeting in Indonesia, 2010

Invitations to participate in the Workshop were sent out by ICID Central Office in July 2010 and the programme was finalised in September 2010. The Workshop had taken place as planned, with contributions by all four members present, namely Dr. S. R. Perret, Dr. B. Davidson, Prof. K. Yamaoka and Dr. G. R. Backeberg (*representing France, Australia, Japan, and South Africa, respectively*).

It was discussed whether the members representing India, Iran, Pakistan, and the US should be given another opportunity to submit papers on the topic “*Country Policies and Strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation*”.

It was proposed and agreed that ICID Central Office contact these specific members with an invitation to submit a contribution to the workshop, after the event, by the end of January 2011. This contribution must adhere to the already distributed guidelines.

Item 6 : Proposed full day Workshops in Iran (2011) and Australia (2012)

The option to organize a full day Workshop, to be held during October 2011 ICID Congress at Teheran, Iran, was considered and discussed. It was agreed to request PCTA to approach the Organizing Committee to reserve one full day in the program of ICID Congress for this purpose. It was also agreed that invitations by ICID Central Office will be sent to all ICID member countries to make presentations during the workshop.

The topic of the workshop will be “*Water Use Charging Systems and Available Financing of Irrigation: Case Studies for Cross-Country Comparisons*”. Guidelines for authors will be drafted by TF-FIN members, and circulated by ICID Central Office by March 2011. All submissions will be reviewed by a committee consisting of TF-FIN members representing Australia, France, Japan and South Africa, which is to be finalised by the target date of July 2011.

This evaluation will be based on a framework of the paper per country case study.

The organization of a full day Workshop in Australia in 2012 will be considered during the TF-FIN meeting in 2011.

Item 7 : Preparation of a position paper on “Financing Water for Agriculture”

Three different options for concluding the activities of the TF-FIN were considered. These were: (1) an ICID position paper; (2) a special issue of ICID Irrigation and Drainage Journal; or (3) a report on Task Force activities, with possibility to publish papers from the report left to the discretion of individual members.

Final decision on selected option will be made during the final meeting.

Item 8 : Other issues for discussion

The members present at the Workshop and TF-FIN meeting noted the poor participation and attendance of other country representatives. Indeed, **four** Task Force members were present out of eight current members, and **four** observers were present. Throughout the workshop preparation process, invitations, reminders and encouragements to participate were repeatedly sent, with no response.

Such a situation raises doubt on the interest and commitment of those non-participating members, regarding the mandate and activities of the Task Force. Making inputs to the TF-FIN workshop and to forthcoming other workshops, require substantial efforts and time, and should no longer rely on only four active members. Further, the lack of diversity in policy frameworks and strategies for water use charges undermines the very objectives of the TF-FIN, especially now that more inputs are required for case studies and cross-country comparisons, and actual water user charging systems.

For these reasons, continuation of the Task Force is made conditional to the following actions:

- At least **three** out of the **four** other country members of the Task Force must submit a paper on Policy and Strategies (see item 5 for full title) by the end of January 2011 following the already circulated guidelines,
- A framework on a country case study (*see item 6 for full title*) must be submitted by the end of March 2011, following the already circulated guidelines.

ICID Central Office is requested to duly inform those country members and National Committees about these conditions.

If these conditions are met, the Task Force will continue with the planned workshop (*as described in item 6*) and TF-FIN meeting during the ICID Congress in 2011 at Tehran, Iran.

If required conditions are not met, the Workshop in 2011 at Tehran will be cancelled; the TF-FIN will hold its final meeting and close its activities in 2011 during the ICID Congress in Iran.

Minutes of the Seventeenth Meeting of the
ICID JOURNAL EDITORIAL BOARD (EB-JOUR)
 Yogyakarta, Indonesia
 13 October 2010: 09:00-12:30 hours

Year of Establishment: 1994

Mandate:

- To ensure with the (Joint) Editor(s) that the Journal is published in accordance with editorial policies;
- To select and recommend to IEC, through PCTA, the appointment of (Joint) Editor(s), Associate Editors and Members;
- To review and update editorial policies when required, to conform with the developing ICID objectives;
- To address and resolve issues pertaining to the Journal;
- To review guidelines for authors, manuscript reviewers and book reviewers and liaise and coordinate with ICID workbodies.

Members Present : President Hon. Prof. dr. Bart Schultz, Chairman (The Netherlands, 2002); (2) Vice President Hon. Dr. Hector Malano, Joint Editor (2008) (Australia, 2001); (3) Prof. Dr. Nick C. Van de Giesen, Joint Editor (2008) (The Netherlands, 2007); (4) Dr. Ir. Indreswari Guritno, Associate Editor (Indonesia, 2004); (5) Prof. Machiel F. Viljoen, Associate Editor (South Africa, 2009) represented by Prof. L.D. van Rensburg; (6) Vice President Hon. Larry D. Stephens (USA, 2001); (7) Vice President Hon. Prof. Kwun, Soon-Kuk (Korea, 2003) represented by Dr. Jeakyung Noh; (8) Dr. Joachim Quast (Germany, 2004); (9) Dr. Yohei Sato (Japan, 2009); (10) Prof. Dr. Mohd. Amin bin Mohd. Soom (Malaysia, 2009); (11) Prof. Dr. Jinzhang Yang (China, 2007) represented by Dr. Hisheng Huang; and (12) Dr. Vijay K. Labhsetwar, Coordinator (ICID Central Office).

Observers: (i) Mr. Bernard Vincent (France); and (ii) Dr. Moshin Hafeez (Australia).

Website: [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361)

Item 1 : Passing away of VPH Henri Taridieu

At the beginning of the meeting there was one minute silence to commemorate our colleague and friend Henri Tardieu (France), who passed away on 2 April 2010.

Item 2 : Confirmation of the minutes of 16th meeting of the Editorial Board

The minutes of the 16th meeting of the Editorial Board held in December 2009 at New Delhi, India were confirmed.

Item 3 : Review of the membership of the Editorial Board

3.1 Term of members

Two members, namely Dr. S. Nairizi (Iran) and Mr. Chris Perry (UK) will resign from the Editorial Board. The appreciations go to them for their valuable inputs to the work of the Editorial Board.

3.2 Nominated members

Mr. Bernard Vincent (France) was proposed as new Associate Editor, especially for checking the French resumé.

Prof. Daniele de Wrachien (Italy), who is already a member of the Editorial Board was proposed as new Associate Editor, especially for taking care for book reviews.

There were two nominations for new Associate Editors that may become effective in the course of the year. They are Dr. Moshin Hafeez (Australia) and Kristoph-Dietrich Kinzli (USA). The Chairman will be in touch with them to determine when they can actually start preceding final approval in the next meeting in October 2011 at Tehran, Iran.

The Iranian National Committee – being the largest supplier of papers to the Journal was invited to nominate a new member of the Editorial Board, preferably as Associate Editor.

In addition, we would like to receive the nomination for a third new Associate Editor.

Dr. Sato (Japan) will explore whether a new Board Member/Associate Editor from Korea or Japan can be nominated.

Item 4 : Reports (from Editor, Chairman etc.)

4.1 Report of the Chairman

The report of the Chairman for 2009 was disseminated before the meeting and various points emerged were presented and discussed during the meeting.

The impact factor has improved from 0.48 to 1.108 in 2009.

There was a discussion on preferred improvements of the Manuscript Central System, especially focussing on:

- automatic warning to Joint editors when a new or revised paper has been received;
- fully automatic handling of papers and reviews in the system;
- automatic reminding to invited reviewers when no answer is being received within a certain period;
- may be some other facilities, based on further discussion between the Chairman and the Joint Editors.

There was also a discussion on the advantages and disadvantages of open access to papers. This may become a reality when the present agreement with M/s. Wiley-Blackwell expires by the end of 2013. Prof. Dr. Nick van de Giesen (The Netherlands) will prepare a note on this issue.

4.2 Special Issues

In 2009, there have been three sponsored Special Issues. These issues have significantly contributed to the financial results of the Journal. In addition these issues were well received by the readers.

For 2010, no Special Issues have been planned so far.

For 2011 two sponsored Special Issues are expected, they being:

- Special Issue prepared by the Working Group on Sustainable Development of Tidal Areas;
- Special Issue based on selected papers of the 24th and 25th ICID Regional Conferences.

4.3 Two ICID pages per issue

For all the issues of the Journal, the two ICID pages per issue were well prepared and timely by Central Office.

4.4 Book Reviews

Prof. Daniele de Wrachien (Italy) will take care of the book reviews.

4.5 French resumé

Mr. Bernard Vincent (France) will check the French resumes.

4.6 Recognition to the reviewers

The reviewers of 2010 will be recognised in the first issue of 2011.

4.7 Best Paper Award 2010

This year the best paper had to be selected out of 82 papers. The winning paper will be announced during the IEC meeting on 16 October 2010.

Item 5 : Distribution of the Journal among the ICID membership

The individual ICID membership subscription rates for 2011 will be US\$ 38 for online only and US\$ 45 for online and print.

The mailing of printed versions and submission of on-line access to work body members and office bearers seems to go quite smooth. Only a few very small problems did occur.

Item 6 : Review the Duties of the Editorial Board

There were no further revisions proposed in the updated overview of Duties of the Editorial Board. In light of the still large submission of papers (*this year in total about 170*) it will be very important that the Associate Editors take care of organising the reviews of 6 - 7 papers per year and that the members of the Editorial Board take care of about 5 reviews per year.

In addition, it will be of importance that reviews are being done very critically and that we only publish really high quality papers.

Item 7 : Issues related to M/s Wiley-Blackwell

7.1 Number of pages per issue

During the year there have been discussions with M/s. Wiley-Blackwell to increase the number of pages per issue. However, so far, no agreement could be reached on the additional cost. This will be further discussed in the coming months and hopefully an agreement can be reached before the end of November 2010 in order to be able to increase the number of papers per issue from the first issue of 2011 onwards.

7.2 New format for the Journal

From the first issue of 2011, the Journal will be published on A-4 format with double columns.

7.3 Improved information on Manuscript Central

Since July 2010, the Manuscript Central System offered more possibilities to check as to how far a paper is in the review and type setting process.

Item 8 : Any other business

Wiley Online Library was launched on 24 July 2010 and is the new home for *Irrigation and Drainage*. Featuring a clean and simple interface, this new online service combines intuitive navigation, enhanced discoverability, expanded functionalities and a range of personalization options. All journal back contents have already been successfully transferred to Wiley Online Library and new contents are being uploaded to the new platform.

Following the initial release, there is an ongoing program of development which includes many additional features and new opportunities for users to interact with the contents. More information is available now at: www.wileyonlinelibrary.com/info, including a list of features, regularly updated FAQs, screenshots, online demos and more details about the new website for all users.

Irrigation and Drainage is available on the link: [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361).

For more information, visit the website <www.wileyonlinelibrary.com/info> or contact Ms. Olivia Underhill, Journals Editor, Wiley-Blackwell, UK, E-mail <ounderhi@wiley.com> Tel.: +44 (0) 1243 770678 (Direct).

Minutes on the Seventeenth Meeting of the
Working Group on Water Saving for Agriculture (WG-WATS)
 Yogyakarta, Indonesia
 13 October 2010: 09:00-12:30 hours
Strategy Theme: Systems

Date of Establishment: 1994

Completion of the Mandate: 2013

Mandate: “To recognize proven water saving successes, and to identify and promote successful water conservation”

Members Present: (1) VPH Dr.J.M.M.Mendiluce (Spain,1996) represented by Dr. Juan Antonio Rodriguez-Diaz; (2) Dr. Neil Louis Lecler (South Africa; 2003) represented by Dr. G.R. Backeberg; (3) Mr. Kim Russel (Australia,2005) represented by Ir. Ian Moorhouse; (4) Mr. Mehrzad Ehsani (Iran, 2006); (5) Dr. Yuanhua Li (China, 2007); and (6) Secretary General, ICID

Observers : (i) Ir. Sabine Walser (Germany); (ii) Dr. Adama Sangare (Mali); (iii) Ir. Kouyate Gouholo Sissoko (Mali); (iv) Mr. Aliou Bamba (Mali); (v) Ir. Moossa Amadou (Niger); (vi) Ir. Sri Ritawati (Indonesia); (vii) Ir. Nul Hanif.S. (Indonesia); (viii) Ir. Wahioah Wahyu (Indonesia); (ix) Niken Puspitasau (Indonesia); (x) Ir. Rahmad Yuhendra (Indonesia); (xi) Eri Gas Ekaputra (Indonesia); (xii) Ir. Yenesew Mengiste Yihun (UNESCO-IHE, The Netherlands); (xiii) Ir. Budi Setiawan (Indonesia); (xiv) Ir. Kazem Sarahmand (Iran); (xv) Dr. A.R. Asadollahi (Iran); (xvi) Mr. Basuki (Indonesia); (xvii) Mr. Kunlun Ding (China); (xviii) Ir. Guangyong Li (China); (xix) Ir. Fengxin Waug (China); (xx) Ir. A. Alirez (Iran); (xxi) Ir. Zare Abbas (Iran); (xxii) Ir. Mary Jean Gabriel (South Africa); (xxiii) Ir. Helvecio Mattana Saturnino (Brazil); (xxiv) PH Peter S. Lee (UK); (xxv) VPH Mark Svendsen (USA); (xxvi) Ir. Dedi (Indonesia); (xxvii) Ir. T. B. Rachmad (Indonesia); (xxviii) Ir. Mukhlis Zainol Asidin (Malaysia); and (xxix) Ir. Nurlia Sakikin (Indonesia)

Website: <http://www.wg-wats.icidonline.org/>

A. CONTINUING ITEMS

Item 1 : Confirmation of the minutes of the 16th meeting of the working group

The minutes of the 16th meeting of the WG-WATS held at New Delhi, India (2009) were confirmed.

Item 2 : Review of the membership

Dr. Mohamed Hassan Amer (Egypt) had been elected as new Chairman replacing Vice President Hon. Hussein El-Atfy. Dr. Juan Antonio Rodriguez-Diaz (Spain) had been confirmed as new member in place of VPH J.M.M Mendiluce and recommended to be the Secretary of the WG. Mr. Mouse Amador (West and Central Africa) and Aliou Bamba (Mali) have been nominated as new members subject to receiving formal nomination from their National Committees.

Mr. Shabibaeyv from Kazakhstan was neither present nor represented by KAZCID. His nomination was deferred till the next meeting of the WG in October 2011 at Tehran, Iran.

Item 3 : WatSave Awards

3.1 WatSave Awards-2010

PH Peter Lee (UK) had shared the names of the 6 nominations received. He also acknowledged efforts of all the referees from all the ICID regions in the selection process. He highlighted that the referee cannot review the

submission from his own fellow countryman. The distribution of nominees as per category was : 2 in technology, 3 in innovative, 1 young professionals and no nominations for the farmer award.

3.2 Sponsorship

The WG members expressed their gratitude to INACID and CNCID for sponsoring this year's WatSave Awards.

3.3 Review of Criteria and Evaluation Process for WatSave Awards

The new evaluation process was commented upon and Dr. Mark Svendsen (USA) highlighted that it was more appropriate than the previous one. Dr. Svendsen suggested that one ICID member country can support one nomination from a non member country. However, every country should present only one candidate per category.

The awards must be for works that have already been tested in the field. They are not to evaluate an idea but to demonstrate in the field. The group agreed to follow the other old rules, as before.

3.4 Guidelines for financing and distribution of award money

A discussion was held in relation to the suggested (2009) reduction from US\$ 2000 to US\$ 500 for each award. The group agreed to reinstate US\$ 2000 for each award as per the old rules and not pay for travel or other expenses. Excess funds (by not giving some awards sometimes), if any, may be used for coming years and accept sponsorship in cooperation with national committees.

South Africa had shown its willingness to support WatSave awards to be awarded at Tehran, Iran in 2011. Mr. Kim Russel from Australia showed his support too. The WG members thanked South Africa and Australia for supporting the awards.

Item 4 : Framework for cooperation and interaction among ICID member countries and workbodies.

The WG agreed to cooperate with the WG-TRUE and WG-MIS for carrying out joint activities such as publication, workshop etc.

Item 5 : Internal Workshop on “ Water Saving Achievements”

This was deferred to the next meeting of the WG in October 2011 at Tehran, Iran

Item 6 : Website of WG

Agreed to update the website.

Item 7 : Work plan

The group agreed to update the WatSave workplan till 2013. The WatSave book has already been translated in Persian. VPH Dr. Amer said that they will attempt to translate it into Arabian and another member from Malawi to French. PH Lee suggested that Chinese could be another language to translate the book into.

Item 8 : Any other business

No other comments.

Minutes of the Thirteenth Meeting of the
WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)
 Yogyakarta, Indonesia
 13 October 2010: 09.00-12.30 hours
Strategy Theme: On-Farm

Year of Establishment: 1998

Completion of the Mandate: 2014

Mandate:

- To promote on-farm irrigation as part of integrated water resources management, and
- To promote sustainable efficient approaches for on-farm irrigation.

Members Present: (1) VPH Felix B. Reinders, Chairman, 2004 (South Africa, 1998); (2) VP Prof. Peter Kovalenko, Vice Chairman, 2005 (Ukraine, 2001); (3) Dr. A.K. Randev, Secretary, 2009 (India 2005); (4) Dr. Kim Sun-Joo (Korea, 1999) represented by Dr Joong Dae Choi; (5) Mr. Yeh Shu-Shr (Chinese Taipei, 1999) represented by Wen-Pin Shu; (6) Mr. Yan Guanyu (China, 2002); (7) Dr. Graziano Ghinassi (Italy, 2004); (8) Dr. Abraham Mehari Haile (The Netherlands, 2008); (9) Dr. Makoto Yokozawa (Japan, 2009) represented by Prof Masayoshi Satoh; and (10) Secretary General, ICID represented by Dr. S .A. Kulkarni.

Apologies: (1) VPH Prof. F. Ligetvari (Hungary, 1998); (2) Dr. H. Sourell (Germany, 1999); (3) VPH Dr. J.A. Ortiz (Spain, 2003);

Absent: (1) Mr. P. Ruelle (France, 1999); (2) Mr. J. Dunn (UK, 2002); (3) Mr. Mohan Reddy Junna (USA, 2007); (4) Prof. Dr. Rai Niaz Ahmed (Pakistan, 2009); (5) Mrs. Mira Edelbeher (Slovenia, 2009); (6) Mr. Hassan Shantia (Iran, 2006).

Observers: (i) François Chrétien (Canada); (ii) Clarke Ballard (Australia); (iii) Dr. Tarek Kotb (Egypt); (iv) Eng. Sergio de Agreus (Uruguay); (v) Andre Roux (South Africa); (vi) Chris Bennett (Australia); (vii) Gao Hong (China); (viii) Xie Chongbao (China); (ix) Ming-Young Jan (Chinese Taipei); (x) Dermawan (Indonesia); (xi) Paul Conlilaly (Mali); (xii) Jan Potgieter (South Africa); (xiii) Tetsuya Oishi (Japan); (xiv) Jabbar Azizbeigi (Iran); (xv) Hanhan A. Sotyuddin; (xvi) Widhya Utami; (xvii) Prof. Mohd Amin Mohd Soom (Malaysia); (xviii) Guangyong Li (China); (xix) Mohd Azmi Ismail (Malaysia); (xx) Sri Ritawati (Indonesia); (xxi) Young Jin Yoo (Korea); (xxii) Helvicio M. Saturnino (Brazil).

Website: <<http://www.wg-on-farm.icidonline.org>>

Item 1 : Confirmation of the minutes of the 12th meeting of the Working Group held at New Delhi

The minutes of the 12th meeting of the Working Group held at New Delhi in December 2009 were approved.

Item 2 : Review of membership of the Working Group

The following applications were received, considered and accepted for the membership of the Working Group:

- Mr. François Chrétien from Canada
- Mr. Jeremy Cape from Australia to replace Mr. Stephen Mills

A. CONTINUING ITEMS

Item 3 : To review the progress in preparation of documents

3.1 Paper on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices”

At its Kuala Lumpur meeting held in 2006, the Group had proposed to prepare a paper on “Improvement of the On-Farm Irrigation Systems using Simple Water Control, Measuring and Application Devices”. Messers: Felix B Reinders, Dr A Mehari Haile, and Mr. Jeremy Cape volunteered to prepare a draft paper.

3.2 Paper on “Micro irrigation for Smallholders and Greenhouses”

Chairman Felix Reinders will liaise with Prof. Y. Nakano (Japan) on his paper “Micro irrigation for smallholders and greenhouses” for submission to ICID journal.

Item 4 : Liaison with the ISO/TC23/SC18

The 28th meeting of ISO/TC23/SC18 was held from 26-31 October 2009 in Mexico. The 29th meeting of the TC23/SC18 will be held in Adelaide, Australia on 18-23 October, 2010 succeeding the 61st IEC and 6th ARC meeting from 10-16 October 2010 at Yogyakarta. Chairman Reinders had requested ANCID to nominate a professional to participate in the meeting. ANCID has nominated Mr J Cape to attend the meeting. Group suggested that this opportunity can be used to discuss issues in preparation of the joint ISO-ICID publication “Irrigation Equipment Standards”, which has been pending for quite some time.

Item 5 : World-wide Usage of Micro and Sprinkler Irrigation

5.1 Datasheet on Sprinkler and Micro Irrigated Areas in ICID Network Countries

As per the latest statistical information compiled by the Central Office pertaining to 42 ICID member countries, 34.6 million ha were under sprinkler irrigation and 9.9 million ha were under micro irrigation. Chinese representative proposed some amendments in the areas. The updated data sheet of the micro and sprinkler irrigated areas in ICID member countries are shown in **Annex 1**.

All members were requested to go through the data sheet and offer their observations or amendments, if any. All National Committees were also asked to check for any omissions/ corrections and update their information. Central Office will request on a continuous basis all countries to update their data.

5.2 Survey of ‘World-wide Usage of Sprinkler and Micro irrigation’

At the New Delhi meeting, the Group suggested including an item on the sources of energy and energy consumption levels in the survey questionnaire. It was also suggested to get statistics on low pressure irrigation and energy requirements. The WG requested Mr. Enayatollah Farahani from Iran to prepare a presentation for the meeting in Indonesia on low pressure irrigation systems. Unfortunately Mr. Farahani was not present and no presentation took place.

At the meeting, Dr. Graziano Ghinassi (Italy) made presentation on ‘Advanced Technologies Applied to Hose Reel Rain-Gun Machines: New Perspectives towards Sustainable Sprinkler Irrigation’; Mr Tollefson made presentation on “Water Use Efficiency in Irrigated Crop Production in Canada”; and Mr. Reinders made presentation on “Contribution of water and irrigation towards stable food production”.

Item 6 : Website of the Workbody

The WG webpage <http://www.wg-on-farm.icidonline.org/> was active and updated. All members were requested to visit the webpage and provide additional information viz. books, manuals, technical papers, interesting pictures, new software, useful links etc. to the Chairman/ Central Office for posting on the website. A group photo was taken as well as the photo of the management group of ON-FARM will be forwarded to Central Office for posting on the Website.

Item 7 : 8th International Micro Irrigation Congress (8IMIC), Tehran, 2011

The 8th International Micro Irrigation Congress (8IMIC) will be held in Tehran, Iran on 18-19 October 2011 along with the 21st International Congress on Irrigation and Drainage. The theme of the 8IMIC is “*Innovation in Technology and Management of Micro-irrigation for crop Production Enhancement*”. The Central Office in consultation with Iranian National Committee (IRNCID) has prepared a ‘call for papers’ (along with the Call for papers of the 21st ICID Congress) for the 8IMIC. The call for papers were widely circulated among all National Committees/ Office Bearers and also posted on the websites <http://www.icid2011.org>. So far 8 abstracts were received. The closing date for receipt of abstract of papers has been postponed to the end of December 2010 and everyone was encouraged to submit papers.

A representative of IRNCID made a presentation on the latest developments and preparation towards hosting of the 8IMIC. The WG appreciated the progress made and the Chairman wished IRNCID all the best with the final preparations.

A request was also received to nominate members who can serve on the Scientific Committee to review the abstracts of papers. In response VPH Reinders, Dr Randev, Dr A Mehari Haile, and Mr Cape volunteered to assist in the review process.

Item 8 : Work plan of the Group

The key activities of the WG work plan for the year 2010 to 2012 were discussed during the meeting and are shown in **Annex 2**.

Item 9 : Special Session on Micro irrigation

The meeting took note of a half-day Special Session on ‘Micro Irrigation’ that was held on 8 December 2009 in New Delhi on the sidelines of the 60th IEC and 5th ARC. Presentations made during the special session have been posted on the WG webpage. All members were requested to access the webpage.

Item 10 : Upgrading/ modernization of surface irrigation systems

At the New Delhi meeting, Prof. Mohan Reddy Junna (USA) volunteered to prepare a comprehensive book on “Soil and Water Management in Surface Irrigation Systems”. One of the chapters of the book could be devoted to modernization aspects. The WG had proposed to prepare the draft chapters/ papers for the book by 2011. Representatives from USCID and ANCID/IAL already had volunteered at Sacramento meeting to supply some information on upgrading/ modernization of surface irrigation systems for possible inclusion in the proposed book.

As Dr. Reddy was not present at the meeting no progress could be reported. Central Office will follow up with Dr. Reddy.

Item 11 : Nomination of WG for the 3rd Best Performing Workbody Award (BPWA)

At Lahore, members discussed about the possibility of submitting the WG’s candidature for the 3rd ‘*Best Performing Workbody Award*’ (BPWA) to be presented at the time of 21st ICID Congress in October 2011 in Tehran, Iran. It was agreed that a proposal highlighting WG’s achievements during the period 2008-11 will be compiled and submitted to the Central Office for its evaluation by the international ‘Panel of Judges’ by the end of May 2011. Mr Reinders will prepare a submission but everyone was requested to also provide information of importance that can be included in the submission.

B. NEW ITEMS**Item 12 : Workshop on “New Hose Reel Machines”, Florence, Italy, 3 June 2010**

A Workshop on “The New Hose Reel Machines for the Reduction of Economic Water and Energy Costs” was held on 3 June 2010 at the University of Florence, Italy. The objective of the workshop was to know the latest developments in the Italian irrigation technology with a special focus on the new hose reel sprinkler irrigation machines. The workshop was organized by the Italian National Committee (ITAL-ICID) in collaboration with the Association of Manufacturers of Irrigation Machines (AMIS) of Italy.

Chairman Reinders thanked ITAL-ICID about this unique joint initiative with the private sector in promoting the irrigation technology efforts. Dr. Graziano Ghinassi was especially thanked for his key role in conceptualizing and organizing the entire program. The outcome of the study tour and workshop was given wide publicity through ICID News, website and other publications.

Item 13 : Any other business

There was none. Chairman Reinders thanked everyone for their active participation in the meeting and wished the Iranian National Committee all the best for their final preparations for the 8th International Micro Irrigation Congress.

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**Sprinkler and micro irrigated area in member countries***(Arranged in descending order of the total sprinkler and micro irrigated area)**(Data provided by National Committees)*

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
1	USA	22.4	12,602,880.0	1,533,116.0	14,135,996.0	63.1	2008
3	India	60.85	3,044,940.0	1,897,280.0	4,942,220.0	8.1	2010
2	China	59.3	2,926,710.0	1,669,270.0	4,595,980.0	7.7	2009
4	Russia	4.5	3,500,000.0	20,000.0	3,520,000.0	78.2	2008
5	Spain	3.8	715,102.0	1,502,327.0	2,217,429.0	58.4	2007
6	Brazil	3.5	1,570,000.0	340,000.0	1,910,000.0	54.6	2004
7	Italy	2.67	981,163.0	570,568.0	1,551,731.0	58.1	2010
8	France	2.6	1,379,800.0	103,300.0	1,483,100.0	57.0	2000
9	South Africa	1.67	920,059.0	365,342.0	1,285,401.0	77.0	2007
10	Saudi Arabia	1.62	716,000.0	198,000.0	914,000.0	56.4	2004
20	Iran	8.7	460,000.0	270,000.0	730,000.0	8.4	2009
11	Australia	2.545	524,480.0	190,720.0	715,200.0	28.1	2000
12	Canada	0.87	683,029.0	6,034.0	689,063.0	79.2	2004
13	Ukraine	2.18	618,000.0	48,000.0	666,000.0	30.6	2010
14	Korea	1.12	200,000.0	400,000.0	600,000.0	53.6	2006
15	Mexico	6.2	400,000.0	200,000.0	600,000.0	9.7	1999
16	Egypt	3.42	450,000.0	104,000.0	554,000.0	16.2	2000
17	Germany	0.54	525,000.0	5,000.0	530,000.0	98.1	2005
19	Japan	2.53	430,000.0	60,000.0	490,000.0	19.4	2009
18	Romania	1.5	448,000.0	4,000.0	452,000.0	30.1	2008
22	Slovak Rep.	0.313	310,000.0	2,650.0	312,650.0	99.9	2000
23	Israel	0.231	60,000.0	170,000.0	230,000.0	99.6	2000
24	Morocco	1.65	189,750.0	8,250.0	198,000.0	12.0	2003
25	Hungary	0.22	185,000.0	7,000.0	192,000.0	87.3	2008
26	Syria	1.28	93,000.0	62,000.0	155,000.0	12.1	2000
21	Turkey	5.34	110,000.0	26,000.0	136,000.0	2.5	2009
27	Great Britain	0.11	105,000.0	6,000.0	111,000.0	100.9	2005
28	Finland	0.086	79,000.0	1,000.0	80,000.0	93.0	2009

Sl. No.	Country	Total irrigated area	Sprinkler irrigation	Micro Irrigation	Total sprinkler and micro irrigation	Percentage of total irrigated area	Year of reporting
29	Portugal	0.63	40,000.0	25,000.0	65,000.0	10.3	1999
30	Kazakhstan, Rep.	2.13	57,355.0	0.0	57,355.0	2.7	2006
31	Malawi	0.055	43,193.0	5,450.0	48,643.0	88.4	2000
32	Lithuania	0.045	44,518.0	0.0	44,518.0	98.9	2004
33	Chile	1.09	16,000.0	23,000.0	39,000.0	3.6	2006
34	Chinese Taipei	0.38	18,850.0	8,750.0	27,600.0	7.3	2009
35	Bulgaria	0.588	21,000.0	3,000.0	24,000.0	4.1	2008
36	Czech Rep.	0,024	11,000.0	5,000.0	16,000.0	66.6	2008
37	Philippines	1.52	7,175.0	6,635.0	13,810.0	0.9	2004
38	Poland	0.1	5,000.0	8,000.0	13,000.0	13.0	2008
39	Slovenia	0.009	8,072.0	733.0	8,805.0	97.8	2009
40	Malaysia	0.38	2,000.0	5,000.0	7,000.0	1.8	2009
41	Macedonia	0.055	5,000.0	1,000.0	6,000.0	10.9	2008
42	Estonia	0.001	500.0	500.0	1,000.0	100.0	2010
	Total	208.348	34,537,068.0	9,951,214.0	44,488,282.0	21.4	

WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)**WORK PLAN**

2010	2011	2012
<ul style="list-style-type: none"> Publish paper on “Micro irrigation for smallholders and greenhouses” 	<ul style="list-style-type: none"> 8th International Micro irrigation Congress (IMIC) in October 2010 in Tehran, Iran. 	<ul style="list-style-type: none"> Continue updating datasheet on “Sprinkler and micro irrigated areas in ICID member countries”
<ul style="list-style-type: none"> Finalize the revised questionnaire on “Survey of world-wide usage of sprinkler and micro irrigation” and circulate to NCs 	<ul style="list-style-type: none"> Continue updating datasheet on “Sprinkler and micro irrigated areas in ICID member countries” 	<ul style="list-style-type: none"> Start initiating engagement with a country to host the 9th International Micro irrigation Congress (IMIC)
<ul style="list-style-type: none"> Update datasheet on “Sprinkler and micro irrigated areas in ICID member countries” 	<ul style="list-style-type: none"> Publish Manual “Performance evaluation of sprinkler and drip irrigation systems” in the Persian language by the IRNCID 	
<ul style="list-style-type: none"> Prepare paper on “Field Water Management and Soil water Conservation under Spate Irrigation” 	<ul style="list-style-type: none"> Draft paper on “Improvement of the On-Farm Irrigation Systems using Simple Water Control, Measuring and Application Devices” 	

Minutes of the First Meeting of the
TASK FORCE ON SEDIMENTATION OF RESERVOIRS (TF-SEDIMENTATION)
Yogyakarta, Indonesia
13 October 2010: 13:30-17:00 hours

Year of Establishment: 2010

Members present: (1) Mr. David MEIGH (UK); (2) Mr. Darwin Lubis, (Indonesia); (3) Mr. Iman Ramdhani (Indonesia) (4) Mr. Syed Mansoob Ali Zaidi (Pakistan)

Initial Remarks:

Mr. Hazrat Umar (Pakistan) and Mr. Reynaldo L. Baloloy (Philippines) could not attend the meeting. Mr. Syed Mansoob Ali Zaidi, chaired the meeting as Acting Chairman in place of Mr. Umar, as proposed by Mr. M. Gopalakrishnan, Secretary General, ICID.

Item 1 : The composition of the Task Force with the available members, choosing a Chair, Vice Chair and Secretary

The main purpose of the maiden meeting was to form a Task Force and choose its Chairman, a Vice Chairman and a Secretary. All National Committees were earlier requested by Central Office to send their nomination for the membership of the Task Force. In response -

- a. Pakistan National Committee (PANCID) nominated Mr. Hazrat Umar. His name was recommended for formal approval, notwithstanding his unavailability due to extraordinary circumstances in Pakistan due to floods.
- b. Spanish National Committee (CERYD) promised a nomination.
- c. Philippine National Committee (PNC-ICID) nominated Mr. Reynaldo L. Baloloy. His CV as received was discussed. He appears to be experienced enough to be a productive member, but he also could not be present.

In the meeting only four persons participated, viz.

1. Mr. David MEIGH, Consultant (ICID.UK)
2. Mr. Darwin Lubis, Chief Engineer, Ministry of Works (Indonesia)
3. Mr. Iman Ramdhani, Ministry of Works (Indonesia)
4. Mr. Syed Mansoob Ali Zaidi, Consultant and Vice President of Pakistan Engineering Congress, Lahore (Pakistan)

The Central Office was asked to remind National Committees for sending their nomination for the membership of the TF. It was suggested that till such time that the Task Force set up takes a formal shape, the participants who attended the meeting will work as Task Force members.

Item 2 : Terms of Reference – Discussions / Finalisation

The terms of reference for the Task Force were explained and discussed. It was felt that the one sentence terms of reference is rather too general and encompasses many effects. The Task Force will be able to evolve a more clearly defined term in the next meeting with the participation of more members.

A brief presentation prepared by President Hon. P. S. Lee was shown and discussed. The presentation was found to be a good starting point for further study.

Item 3 : Evolving work plan with assignments to individual members

A proper work plan depends on formalization and approval of the Task Force members (about 10) for a meaningful start of a viable planning process.

However, it was agreed in the meeting that to begin with the following aspects be taken up:

- a. Watershed management
- b. Step to avoid sediment deposition during construction
- c. Sedimentation rate analysis and acceptable limits to the deposits
- d. Management of sediment through:
 - i. Regulation
 - ii. Support interventions
 - iii. Viable desilting innovations

Participants agreed to contribute and try to identify any other contributors through networking. It is hoped to hold a real productive meeting of the Task Force in Iran in October 2011.

Item 4 : Any other matter

This being the very first meeting, no other matter came up for discussion.

Minutes of the Ninth Meeting of the
WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)
 Yogyakarta, Indonesia
 13 October 2010: 13:30-17:00 hours
Strategy Theme: Basin

Year of Establishment: 2001

Completion of the Mandate: 2010

Mandate : (i) To collect information about the natural environment in tidal areas around the world; (ii) To identify sustainable development and conservation options in the tidal areas; and (iii) To find a balance between the preservation and development of tidal areas.

Members present : (1) Dr. Park Sang Hyun, Chairman (Korea, Rep. of 2002); (2) Ir. Henk P. Ritzema, Vice-Chairman (The Netherlands, 2009) represented by PH Bart Schultz; (3) Dr. Ruey-Chy Kao, Secretary (Chinese Taipei, 2009); (4) Dr. Indreswari Guritno (Indonesia, 2002); (5) Mr. Ueda Kazumi (Japan, 2003); and (6) Secretary General, ICID represented by Dr. Vijay K. Labhsetwar, Director, ICID Central Office, New Delhi.

Observers : (i) Dr. Jo Jin Hoon (Korea, 2009); and (ii) Dr. Daesu Eo (Korea, Rep. of) represented by Myung-Chul Eo M

Others: (i) Young Jin Yoo (Korea, Rep. of); (ii) Prof. Dr. Hsiao-Wen Wang (Chinese Taipei); (iii) Ivan Chen (Chinese Taipei); (iv) Chun-Yi Liu (Chinese Taipei); (v) Hunoun Lee (Korea); (vi) Dong Kwun Kim (Korea); (vii) Nham Woo (Korea); and (viii) Joong Dae Choi (Korea).

Websites: <http://www.wg-sdta.icidonline.org> and <http://www.webhard.co.kr>

Item 1 : Confirmation of the minutes of the 8th meeting of the Working Group

The minutes of the 8th meeting of WG-SDTA held in December 2009 at New Delhi, India were confirmed.

Item 2 : Review of membership of the Working Group

Dr. (Ms) Hsiao-Wen Wang (*Young Professional from Chinese Taipei*) gave a brief introduction of herself and her contribution to the Working Group. Her membership in the Working Group on SDTA was accepted.

Item 3 : Publication of the WG document on SDTA

The WG came into being in 2001 and conducted numerous workshops, annual and interim meetings over last nine years.

3.1 Editors: The Chapters and the concerned editors identified were:

Chapters	Description	Editor
1.	Introduction	Ir. Henk Ritzema (The Netherlands) and Ir. Jonathan Simm (UK)
2(3).	Planning Framework for Managing Tidal Area Development	Dr. Park Sang Hyun (Korea)
3(2).	Tidal Area Features and Natural Processes	Dr. Ruey-Chy Kao (Chinese Taipei), Dr. Inr. Guritno (Indonesia)
4.	Engineering for Sustainable Development of Tidal Areas	Dr. Kazuaki Hiramatsu (Japan)
5.	Tidal Reclamations and Their Impacts on Natural Processes	Dr. Jo Jin Hoon (Korea), B. Probst (Germany)
6.	Towards an Integrated Decision Support Framework	Ir. Jonathan Simm (UK) and Ir. Henk Ritzema

In addition, Dr. Bart Shultz (The Netherlands) and Dr. Park (Korea) prepared the Foreword and Preface of the Handbook, respectively.

On 11th October 2010, Prof. Dr. Chandra Madramootoo, President, ICID informed that he will give a message from ICID and an article on the “Sustainable water management in tidal areas of America” for inclusion in the Handbook.

3.2 Reviewers : The Chapters were being reviewed by professionals as listed below:

Chapters	Reviewers
Chapter 1: Introduction	Mr. Kim Ju Chang (Korea) Editor of previous WS Proceedings
Chapter 2(3): Planning Framework for Managing Tidal Area Development	Dr. S.Taniyama (Japan), Vice President Honoraire of ICID Dr. Hsiao-Wen Wang (Taiwan), Observer of WG SDTA
Chapter 3(2): Tidal Area Features and Natural Processes	Dr. Willem F. Vlotman (Australia), Vice President of ICID Dr. Indreswari Guritno (Indonesia), WG Member on SDTA
Chapter 4: Engineering for Sustainable Development of Tidal Areas	Dr. Bart Shultz (The Netherlands), President Honoraire of ICID Dr. Park S. H(Korea), Editor of Chapter 2
Chapter 5: Tidal Reclamations and Their Impacts on Natural Processes	Mr. Ueda K(Japan), WG Member on SDTA Ir. H. Ritzema(the NL) Editor of Chap. 1, 6
Chapter 6: Towards an Integrated Decision Support Framework	Dr. Hiramatsu (Japan), Editor of Chapt. 4 Dr. Vijay K. Labhsetwar (ICID), Director of ICID Central Office

In addition, Mr. Kim Ju Chang (Korea) had reviewed and integrated all of the chapter edition results.

Ms. Chun-Yi Liu (Taiwan) has assisted the edition work of Chapter 3 and Dr. Keiichiro Kobayashi (Japan) has supported the review of Chapter 4 and contributed valuable information from Japan.

3.3 Remarks of Reviewers : General Remarks from each Chapter editor were given :

- ICID Central Office will change the cover page of the Handbook since it was too dark and it will be composed from the pictures in the Handbook.
- ICID Central Office asked all Original high-resolution copy of each Photo and Figures; and some Tables as they will be color printed in the Handbook.
- Chapter Order (Chapter 2 and Chapter 3) has been changed by recommendation from Dr. Bart Schulz.

Chapter 1:

- In Table1, the figures will be confirmed and blanks will be filled up by each NC and concerned WG member.
- More photos will be provided in Box 1.2 (China), Box.1.3 (Germany) and Box1.5 (Indonesia). And the Photos in Box 1.4 (India), Box 1.6 (Japan) will be revised and replaced with original file.

Chapter 2(3):

- Concerned on the introduction of Chapter 2 (Editor - Prof. Ruey-Chy Kao), Chairman asked the edition results be confirmed in cooperation with Dr. Indreswari Guritno (Indonesia) and include her case study results, including Tsunami material, in more detail.

Chapter 3(2):

- The subchapter order in chapter 3 has been changed by recommendation from Dr. H.W.Wang (Chinese Taipei).
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- The figures in Table 3.2.1 will be confirmed by each NC and concerned WG members. Mr. Ueda (Japan) will check and correct the data in the Isahaya Project.
- Dr. Bart Schultz provided Photos and case study results to be included in subchapter 3.4.1.
- In Subchapter 3.4, Prof. Dr. Chandra Madramootoo, President of ICID will provide an article on “Sustainable water management in tidal areas of America”.
- Subchapter 3.6.1 Catchment Water Quality Management had been revised and submitted on 10th Oct.2010 (Dr. Joong Dae, Choi, Korea)

Chapter 4:

- In Subchapter 4.1.5, Fig. 4.1.11 and Fig.4.1.22 and concerned descriptions will be corrected in cooperation with the author, Dr. Lee HW (Korea).

Chapter 5:

- Mr. Ueda will give more comments on Chapter 5.

Dr. Indreswari Guritno (Indonesia) recommended that the Handbook should be more complete and include the environmental, economical, social aspects of wide range. The handbook should not contain only information; it must be more useful and enable the decision maker toward SDTA.

Concerning Dr.Indreswari’s comment on the Handbook; the Chairman concluded that more details will be included based on the sustainability concept; balance between regional areas as well as harmonized with development and conservation activities in the future publication plan.

3.4 Publication plan : Chairman informed the results of the Meeting of the Committee on Public Relation and Publication (C-PR&P, 12th Oct.2010)

- ICID Central Office will get an ISBN number for the Handbook.
- No. of Copies to be printed: 500 (will be decided on the basis of demands for the Handbook from each NC).
- ICID Central Office will inform the selling price of the Handbook to Chairman for generating demand to distribute the Handbook in each NC and related organizations.

ICID Central Office will freeze the edition two weeks after 13 October 2010 and publish the Handbook in early 2011.

Item 4 : Financial Support to publish the Handbook

ICID Central Office estimated the cost of printing of the Handbook to be about US \$ 10,000 (without the DVD). The cost with DVD may marginally go up.

During the Interim Meeting in Taipei (2009), the representatives from Korea, Japan and Chinese Taipei agreed to share the cost based on a ratio: Korea: Japan: Chinese Taipei (40 %: 40%: 20%).

Central Office has received the payments of US\$ 4000 each from KCID and JNC-ICID and US\$ 2,000 from Chinese Taipei Committee towards publishing SDTA Handbook.

Item 5 : A Special Issue of ICID Journal on SDTA

The WG decided to focus on the Special Issue soon after publishing the SDTA Handbook in 2011. It was agreed that leading NCs of SDTA will sponsor the Special Issue in 2011. A Special Issue costs about US \$ 15,000 for about 10 papers and will be reviewed by Guest Editors. The 10 papers will be prepared based on contributions to the SDTA Handbook.

Dr. Joong-Dae Choi recommended setting a deadline for paper submission in Special Issue. Further, Mr. Ruey-Chy Kao proposed to discuss the target audience of the Special Issue.

Dr. Park will discuss the work plan/ time schedule with Ir. Henk Ritzema and Dr. Ruey-Chy Kao, keeping in view the following suggestions:

1. Preparation of Work plan to select country wise papers
 - Decision of the Title, Sub-themes of the Special Issue by Dec.2010
 - Preparation and Provision of 'Call for Paper' to each NC by Jan. 2011
 - Submission and review of the Abstracts of papers by Mar. 2011
 - Decision the papers (country wise papers) to be selected by Apr. 2011
 - Preparation and Submission of the full papers: Jun. 2011
 - Workshop on Special Issue during ICID WG Meeting on SDTA in 2011
 - Submission of full papers: Nov.2011
2. Sponsoring countries and organizations
 - ICID leading NCs for SDTA
 - Support from each NC, considering number of papers
 - Related organizations concerned with SDTA
3. Configuration of Editorial Team of the Special Issue.
The Chairman hopes to collect papers from various countries and regions.
4. Proposed papers during SDTA meeting in Yogyakarta (2010) were:
 - Watershed Water quality Management for a Tidal areas reclamation, Dr. Doong Dae Choi, Korea
 - Water Quality Improvement in the Saemankeum Freshwater Lake in Korea, Eom Myeong Cheol, Jin Hoon Jo, Korea
 - Habitats Role of Tidal Reclaimed Areas for Migratory Birds, Park Sang Hyun and Lee Deuk Bae, Korea
 - Water Quality Preservation Measures of Hwahong Lake in Korea, Young Jin Yoo, Byung Soon Yoon and Young Deuk Kim, Korea,
 - Application of Landscape Ecological Decision Support System to Sustainable Lowland Planning and Management, Chinese Taipei, Hsiao Wen Wang

Dr. Ueda will pass the information to Dr. Taniyama and Dr. Hiramatsu. They will submit their paper based on Multi function and Chapter 4 edition results.
5. Dr. Bart Schultz gave the following guideline concerning the Special Issue:
 - Authors prepare the paper according to the Handbook.
 - Guest editors may be appointed. Dr. Bart Schultz can do the final check on the Special Issue.
 - The format will be referred as prescribed for "Journal of Irrigation and Drainage",
 - Just as what Dr. Indreswari recommended, the theme must be precise, keep the paper concise and make the literature up to date.
 - For the publication of the Special Issue in 2011, the papers will be uploaded by 30 June 2011. One and a half month for review by Dr. Bart Schultz and get comments by August 15 2011.

The Chairman concluded that the time schedule for the Special Issue will be finalised by the SDTA leaders.

Item 6 : New mandate, tenure and membership

6.1 New Mandate

Dr. Ruey-Chy Kao, Secretary provided (19 July 2010) the new mandate (1st draft) of the WG, and it was modified in the WG meeting as below:

- (i) Identify sustainable management options of lowland, watershed, as well as sustainable development and management of water and land resources in tidal areas.
-

- (ii) To raise awareness of the increasing risk on tidal areas due to global climate change, stimulate discussion on impacts and mitigation, and find a balance between the preservation and development of tidal areas.
- (iii) To enhance survey, design techniques and monitoring and management programs for the irrigation and drainage facilities, and apply to collect information about the tidal area environment around the world.
- (iv) To review the progression of natural wetland conservation and constructed wetland development in tidal areas.
- (v) To join the international dialogue and organize international conferences to promote land and water management in tidal areas as well as evaluate the feasibility of tidal energy exploitation under global climate change.
- (vi) To collaborate with other related working groups actively, and to exchange relevant experiences amongst NCs and support for developing, and least developed countries.

The description of the new mandate will be modified based on the further discussion among WG members and supporters on SDTA by end of October 2010.

6.2 Tenure

For the successful implementation of new mandate, WG members agreed to extend the tenure by 6 more years from 2011 to 2016.

6.3 Membership

New WG Leaders and WG Members will be selected as follows;

- New Chairperson, Vice-Chairperson and Secretary to be elected during next WG meeting in October 2011 at Tehran, Iran
- Chairman and ICID Central Office will be in cooperation with active NCs to increase the number of active WG members in SDTA

Item 7 : New Work Plan / Future activities

Chairman proposed (18 May 2010) the new work plan of the WG considering the following:

- Preparation of papers for Special Issue (2011) of the ICID Journal,
- Preparation of new Principle and study items on sustainable management of Tidal areas,
- Six-years rolling plan for WG activities,
- Organization of Workshops,

In the SDTA meeting in 2011, a workshop will be held concerning the Special Issues on SDTA.

- Publications, concerned on Sustainable Management of Tidal Areas etc.
- Other issues

Item 8 : Any Other Business

- **Final review of Responsible Peatland Management Strategy Draft**

The WG members noted the information.

- **14th International Peat Congress in Sweden (2012)**

The WG members noted the information.

WORKING GROUP ON SUSTAINABLE DEVELOPMENT OF TIDAL AREAS (WG-SDTA)**DESCRIPTION OF THE MANDATE**

Tidal areas, with abundant ecosystems, are important interactive water-land environments. Due to the global climate change, tidal areas are threatened complicatedly by rising sea level, extreme floods events and droughts and so on.

It is hence urgent to revisit the past design and management system, operational standards and rehabilitation methods of the existing irrigation and drainage facilities, and review the progression of natural and constructed wetlands in near shore, estuary, and tidal flat areas.

Aiming to reduce CO₂ and protect the ozone shield, green power generation such as wave or tidal current energy is adopted, hoping that by which measure we can slow down the climate change. However, as offshore energy infrastructures are being established increasingly, facilities such as offshore wind farms may occupy large areas and compete with other users of the maritime space. Offshore platforms than can combine many functions within the same infrastructure could offer significant benefits in terms of economics, optimizing spatial planning and minimizing the impact on the environment.

Hence, novel innovative designs for multiuse offshore platforms targeting ocean renewable energy and in particular offshore wind, aquaculture and the related services should be developed in tidal areas. Efforts need to be made to address the interaction between energy and other platform users, and to assess the economic viability and environmental impacts in Tidal areas. Also, in order to better understand the changing tidal area environment, we have to introduce enhanced survey techniques and systematic monitoring programs in the tidal area.

Under the pressure of human activities, tidal land area in many countries has been subsiding due to over-pumping groundwater. Problems such as sea water intrusion, land salinization, and decreasing land value could then occur in higher potential. While tacking with the extreme events, ICID WG-SDTA should initiate more discussions on and raise awareness of the increasing risk on tidal areas by joining international dialogues and organizing international conferences in cooperation with related WG, such as WG-DRG, WG-DRG, WG-CLIMATE and ws as well as WG-ENV, supported by each regional WG and NC who are concerned with Tidal areas.

As the ultimate goal for WG-SDTA is to find a balance between the preservation and development of tidal areas, and thus provide relevant experiences to assist island, developing, and undeveloped countries.

In addition, WG SDTA will derive feasible strategies of sustainable management of lowland, watershed, and water and land resources to reduce the risk or appropriate exploitation of tidal and ocean energy to reduce carbon dioxide emissions should be formed.

Minutes of the Second Meeting of the
**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY
 ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**
 Yogyakarta, Indonesia
 13 October 2010 : 13.30-17.00 hours
Strategy Theme: Systems

Year of Establishment: 2008

Completion of the Mandate: 2013

Mandate:

- Synthesize specific knowledge and experience from the irrigation sector, to design pro-poor actions in a wider understanding of irrigation along the whole rainfed-irrigated continuum (aka agriculture water management),
- Look for technical solutions that work within a clearly defined socio-economic context, so that they can be mobilized in a case specific approach,
- Emphasize multiple-use (mus) of irrigation systems as a specific approach to alleviate poverty in this context,
- Increasing opportunities for greater and more open participation by the poor in the development of systems and in the value chain,
- Building accountability mechanisms that give longer term support and commitment to poverty alleviation initiatives, and
- Guidelines supported by case studies on how to enhance the poverty alleviation and livelihood improvement impacts of new and existing projects.

Members Present: (1) PH Peter S. Lee, Acting Chairman (UK, 2008); (2) Prof. Linden Vincent (The Netherlands, 2008); (3) Mr. Enayat Farhani (Iran, 2009); (4) Dr. Yohei Sato (Japan, 2009); (5) Mr. Andre Roux (South Africa, 2009); (6) Mr. Laurie Tollefson (Canada); (7) Mr. Adama Sangare (Mali, 2009); (8) Secretary General M. Gopalakrishnan represented by Dr. S.A. Kulkani, Executive Secretary, ICID.

Permanent Observers: VPH. Dr. Alain Vidal (CGIAR Challenge Program).

Observers: (i) Dr. Andrew Sanewe (South Africa); (ii) Mr. Moussa Amadou (ARID, Niger); (iii) Mr. Marry Jean Gabriel (South Africa); (iv) Dr. Sylvain Perret (France); (v) Mr. Brian Davidson (Australia); (vi) Mr. Guang Young Li (China); (vii) Mr. Francois Chretien (Canada); (viii) Mr. Gerhard Backeberg (South Africa); (ix) Mr. Joula Marsella (Indonesia); (x) Mr. Budiassa Iwayan (Indonesia); (xi) Mr. Traore Diagouragis Mouna (Mali); (xii) Mr. Paul Coulibaly (Mali); (xiii) Mr. Fatian Priandani (Indonesia); (xiv) Mr. Dewi Kurnia Agushni (Indonesia); (xv) Mr. Basorta (Indonesia); (xvi) Mr. Alion Bamba (Mali); (xvii) Mr. Mukhlis Zainol Abidin (Malaysia); (xviii) Mr. Kunlun Ding (China); (xix) Mr. Sri Ritawati (Indonesia); (xx) Mr. Taner Kimense (Turkey); (xxi) Mr. Ahmet Seren (Turkey); (xxii) Mr. Syahril Ahmad (Indonesia); (xxiii) Mr. Djendam Eurusinga (Indonesia); (xxiv) Mr. Mardjono Notodiharaja (Indonesia).

Website: <<http://www.wg-poverty.icidonline.org>>

Item 1 : Confirmation of the minutes of the 1st meeting of WG-POVERTY held at New Delhi on 6 December 2009

The minutes of the 1st meeting of WG-POVERTY held at New Delhi were confirmed.

Item 2 : To review membership of the Working Group

VPH Dr. Alain Vidal was present but requested to be considered as a Permanent Observer rather than a member of the Working Group as he was now working for CGIAR, an international organization rather representing a National Committee. This was accepted and Mr Vidal was thanked for his participation in the meeting in his new capacity.

Dr. Dennis Wichelns (USA) was not present as he had recently joined IWMI and was not be able to serve as a member of the Working Group for the same reason. Secretary General was requested to ask him to participate in future meetings as a Permanent Observer.

With the change in status of Dr. Wichelns USCID proposed Dr. Laura Schroeder to become a member of the WG. However, she was not present and therefore, whilst her nomination was welcomed, the Working Group recommended that acceptance of her nomination be held over until she is able to participate in the Group's activities.

Mr. Andre Roux informed the group that the South African National Committee (SANCID) had requested that he be replaced by Ms Mary Jean Gabriel. This was accepted with the proviso that Mr Roux, as an active contributor to the workbody, continue as a Permanent Observer.

Mr. Moussa Amadou (Niger) was present and recommended as a member of the work body pending an official notification by the Niger National Committee. Mr. Amadou is also the chair of ARID, and therefore may be considered as representative of that organisation.

Item 3 : Objectives of the Working Group

The objectives of the Group were reviewed.

Mr. Paul van Hofwegen (The Netherlands) suggested adding the effect of urbanisation, pushing out small holders and the population shift from rural to urban areas.

President Hon. Peter Lee noted this suggestion and observed that altogether the objectives were quite ambitious. VPH Vidal suggested prioritising the objectives, and said that completing say three objectives during the life of the workbody would be an achievement.

Action needs to be taken prioritising the objectives for the next meeting.

Item 4 : Selection/ nomination of Chair and Secretary of the WG

Due to the unavailability of Dr. Alain Vidal, Mr. Peter Lee was nominated as the Chairperson of the Working Group. Ms Mary Jean Gabriel was nominated as the Secretary.

Item 5 : Work Plan of the Group

Discussion of this item was held over until the end of the workshop.

This workshop comprised presentations on:

1. Role of Irrigation Development in Poverty Alleviation in India by R C Jha, presented by Dr. S.A. Kulkarni
2. Definitions of Poverty by Prof Linden Vincent, University of Wageningen, Netherlands
3. Multiple Uses of Farm Storages by Andre Roux, South Africa
4. Employment Opportunities for the Landless Poor by PH Peter Lee, England
5. Improving Resilience for the Poor by Dr Alan Vidal, CGIAR Challenge Program

In considering the attached work plan it was noted that the plan for 2010 had been largely completed, and that the action previously shown after 2012 naturally rolled over into 2013 when the work plan should culminate in a concept note capable of being adopted as an ICID Position Paper. This remains the date for the workbody to complete its mandate.

There was discussion on the plan for 2011, starting with a call for more case studies (in addition to India, covered in 2010). Mr. Roux volunteered a case study from South Africa, Mr. Tollefson offered a case study for aboriginal groups in Canada, and the representatives from West Africa (Mr. Moussa Amadou, Dr Adama Sangare and Mr Aliou Bamba) agreed to provide case studies from the region, particularly Niger and Mali. President Hon. Lee noted that there was room for further case studies from Asia.

Mr. Farhani proposed a paper on the Iranian definition of poverty and the relationship between population and production. This is noted in the work plan as a case study from Iran.

Prof. Vincent offered to report on social transformation research at the University of Wagenigen.

Workshops were considered for the meetings in Mali and Tehran but the gathering of material would not be confined to those events. Submissions may also be made by email. The workshop in Tehran would be within the time scheduled for the working group meeting.

Item 6 : Website of the Group

VPH Dr. Alain Vidal offered to arrange for the transfer of files from the current website hosted by Cemagref so that this material could be included in a new website hosted by ICID. He was asked to send the files to Central Office.

Item 7 : Any other business

None was brought forward

**WORKING GROUP ON ROLE OF IRRIGATION IN POVERTY
ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

Three-Year Rolling Plan (2011-2013)

2010	2011	2012	2013
<p>A workshop was held within the time slot allocated to the WG-POVERTY at the 61st IEC in Indonesia.</p> <p>[plan achieved]</p>	<p>Members to submit case studies of poverty alleviation through agricultural water management in:</p> <ul style="list-style-type: none"> • Canada (Laurie Tollefson); • Iran (Enayat Farhani); • Mali (Adama Sangare and Aliou Bamba); • Niger (Moussa Amadou); • South Africa (Andre Roux) <p>In addition, a paper on social transformation (Linden Vincent)</p> <p>As far as possible these will be presented in workshops at the ICID meetings in Mali and Iran</p>	<p>Update the concept note from the Istanbul WWF5 and organise the content for an ICID concept note.</p>	<p>Complete an ICID position paper on the role of irrigation in poverty alleviation to complete the WG-POVERTY mandate.</p>

Minutes of the Fifteenth Meeting of the
WORKING GROUP ON USE OF POOR QUALITY WATER FOR IRRIGATION (WG-PQW)
 Yogyakarta, Indonesia
 13 October 2010: 13.30-17.00 hours
Strategy Theme: On-Farm

Year of Establishment: 1995

Completion of the Mandate: 2013

Mandate: To promote a safe and good management of poor quality water for irrigation, to minimize the negative impact on human health and the environment, to promote the multiple use of poor quality water, and to give consideration to the institutional and legislation aspects with regard to the use of poor quality waters.

Members Present: (1) Dr. Ragab Ragab, Chairman (UK, 1997); (2) Dr. Frans Huibers, Secretary (Netherlands, 1999) represented by Harm Boesveld; (3) VPH Dr. Karim Shiami (Iran, 1997) represented by Mohammad Sadegh Jafari; (4) Dr. H.M. Du Plessis (South Africa, 1998) represented by Dr. Leon Rensburg; (5) VPH Dr. Gao Zhanyi (China, 1998); (6) VP Dr. Samia El-Guindy (Egypt, 1999); (7) Mr. Bernard Vincent (France, 2003); (8) Dr. Makoto Yokozawa (Japan, 2009) represented by Dr. Jakao Masumoto;

Observers: (i) Guang Yong (China); (ii) Jingwei Wu (China); (iii) Dr. Yacob Beletse (South Africa); (iv) Sri Ritawati (Indonesia); (v) Dr. Michael van der Laan (South Africa); (vi) Mr. Francois Chrétien (Canada); (vii) Zaid Adekunle Bello (South Africa); (viii) Fengxin Wang (China); (ix) Budi Setiawan (Indonesia); (x) Djendam Euruseina; (xi) Herman Idrus (Indonesia); (xii) Satusia P.; (xiii) Taner Kimence (Turkey); (xiv) Ahmet Seren (Turkey).

Website: <<http://www.wg-pqw.icidonline.org>>

Item 1 : Confirmation of the minutes of the 14th meeting of the Working Group held at New Delhi

Minutes of the 14th meeting of the WG held at New Delhi in December 2009 were confirmed.

Item 2 : Review of the membership of the Working Group

Dr. Leon van Rensburg (South Africa) has been accepted as a new member in place of Dr. H. Du Plessis.

CONTINUING ITEMS

Item 3 : Database on water salinity/irrigation with highly saline water for salt tolerant halophytes and crops and use of wastewater related to agriculture

WG took note of the IWA publication "*Water Reuse: An International Survey of Current Practice, Issues and Needs*". The 1st Chapter of the book gives an extensive overview of wastewater use worldwide while the 5th Chapter provides a brief on wastewater irrigation and health: Challenges and Outlook for Mitigating Risks in Low-Income Countries. Both the chapters are available online and were circulated among members.

The following technical papers related to wastewater reuse were circulated by the Central Office among members and will be uploaded in the WG-PQW website.

- 'Wastewater production, treatment, and irrigation in Middle East and North Africa' by Manzoor Qadir, Akissa Bahri, Toshio Sato, and Esmat Al-Karadsheh, published online: 'Irrigation and Drainage System', (2010) 24:37–51
- 'The role and place of global surveys for assessing wastewater irrigation' by Liqa Raschid-Sally, published online: 'Irrigation and Drainage System', (2010) 24:5–21

The UNEP and UN-HABITAT in partnership with members of UN Water jointly has brought out an interesting report titled “*Sick Water: The Central Role of Wastewater Management in Sustainable Development*” (launched on World Water Day, 22 March 2010) Dr. Frans Huibers attended the meeting in Geneva on 9 June 2010. Dr Samia El Guindy has participated in UN-Water Dialogue and represented ICID in Stockholm on 8 September 2010 and handed a report to the Chairman. Since Dr. Huibers did not attend the meeting, his PPT was presented by Harm Boesveld. The report and PPT will be uploaded on the website of WG-PQW.

Members agreed to continue providing data and information to the WG website.

Item 4 : Cooperation with other Workbodies and International Organizations

4.1 Cooperation with ICID workbodies

Chairman Dr. Ragab is a member of the WG-DROUGHT and regularly participates in the WG-LIMATE meetings. The Chairman is liaising with these two workbodies on issues of mutual interest and briefing on relevant activities. He has contributed a chapter in a book compiled by the WG-DROUGHT. The Chairman informed about his liaising/ active participation in other ICID workbodies also.

4.2 Cooperation with International Organizations

- **United Nations Environment Programme (UNEP)**

The UNEP Global Programme of Action for the Protection of the Marine Environment from Land-Based Activities (GPA) organized the inaugural meeting of the UN-Water Taskforce on Wastewater at the offices of the World Health Organization in Geneva, Switzerland on 9 June 2010. Dr. Frans Huibers attended the meeting in Geneva.

VP Dr. (Mrs.) Samia El-Guindy (Egypt) attended the UN-Water Dialogue and represented ICID in the Session on “Sick water is threatening the MDGs: A stakeholder dialogue to address capacity development and communication needs” held on 8 September 2010 in Stockholm on the sidelines of the World Water Week.

- **UN-Water Decade Programme on Capacity Development (UNW-DPC)**

During the 16th International Trade Fair for ‘Water, Sewage, Refuse and Recycling IFAT’ took place on 13-17 September 2010 at Munich, Germany, the UN-Water Seminar on “*Institutional Capacity Development on Water management, Water Supply and Sanitation*” was held on 16 September 2010. ICID was invited by UNW-DPC, coordinator of the event, to participate both in the IFAT and the seminar. ICID nominated Dr. Ragab to participate in the seminar, while the German National Committee (GECID) was requested to represent ICID at the IFAT.

Dr. Ragab, Chairman, WG-PQW participated in several teleconferences organized by the UNW-DPC and made some useful suggestions viz., to avoid overlap of themes of the presentations among similar organizations (e.g. FAO and ICID have identical goals), and to include some new technical developments instead of devoting the whole week for capacity building development activities alone.

Item 5 : Work Plan of the Group

WG agreed to focus on the following activities:

- Workshop during 63rd IEC meeting in 2012 in Australia
 - Several presentations at the WG meeting in 2011 in Tehran, Iran
 - Continue various on going activities as listed in the minutes
-

Item 6 : Presentations by members

The following presentations were made at the meeting:

- 'Multiple use of poor quality water' by Dr. Gao Zhanyi (China)
- "Sick water" presented by Dr. Harm Boesveld on behalf of Dr. Frans Huibers (The Netherlands)
- SALTMED model by Dr. Ragab Ragab

Item 7 : Website for the working group

Members were encouraged to add and benefit from the WG-PQW website. In the meeting, several documents and presentations were collected and will be uploaded on the website.

Item 8 : Workshop of the working group

At the New Delhi meeting, the Working Group proposed to organize a Special Session on "*Water Quality and Irrigation*" on the sidelines of the 21st ICID Congress and 62nd IEC meeting to be held in October 2011 in Tehran. However, IRNCID has recommended that the relevant papers may be submitted under Question 56.3 "*Productivity of Low Quality Waters for Irrigation Uses*".

The group agreed to take this workshop forward to Australia in 2012. It is hoped that the Australian National Committee will allocate a slot in the program.

Item 9 : Nomination of the Group for the Best Performing Workbody Award

The group suggested that the Chairman to produce a list of the WG-PQW output and liaise with members regarding the possibility of submitting its candidature for the BPWA to be presented on the occasion of the Tehran Congress.

Item 10 : Any other business

Dr. Samia El Guindy suggested the group to add a new item: Impact of Agrochemicals on irrigation water quality in the agenda of the WG.

The following three presentations were suggested for next meeting to be held in Tehran in October 2011.

- Dr. Gao Zhanyi - Use of brackish water for agriculture
 - Dr. Bernard Vincent - Management for water quality improvement.
 - Dr. Rensburg - Use of saline water for irrigation.
-

Minutes of the Thirty-first Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
 Yogyakarta, Indonesia
 12 October 2010: 13.30-17.00 hours

Members present: (1) Vice President Hon. Dr. Saeed Nairizi, Chairman (Iran, 2006); (2) Vice President Dr. Laszlo G. Hayde, Vice Chairman (Hungary, 2004); (3) Dr. James Ayars, Secretary (USA, 2007) represented by Mr. Larry D. Stephens; (4) Vice President Hon. Dr. Gao Zhanyi (China, 2007); (5) Vice President A.K. Bajaj (India, 2009); (6) Mr. Akira Nakazawa (Japan, 2009); and (7) Er. M. Gopalakrishnan, Secretary General, ICID.

Members Honoraraire present: President Prof. Dr. Chandra A. Madramootoo (Canada).

Observers: (i) Mr. Chris Bennett (Australia); (ii) Mr. Tetsuya Oishi (Japan); (iii) Mr. Shinsuke Ota (Japan); (iv) Mr. Taner Kimence (Turkey); (v) Dr. Hussan B. Yuksel (Turkey); (vi) Mr. Adama Sangare (Mali); (vii) Mr. Bert Pijpers (The Netherlands); (viii) Mr. Bert Toussaint (The Netherlands); (x) Mr. Hun Sun Lee (Korea); (xi) Mr. Sami Bouarfa (France); and (xii) M. François Brelle (France).

Item 1 : Confirmation of the minutes of 30th Meeting of Permanent Finance Committee

The minutes of the 30th meeting of the Permanent Finance Committee held on 7 December 2009 at New Delhi, India, were confirmed.

Item 2 : To review membership of the Committee

Mr. Bert Toussaint (The Netherlands), Mr. Chris Bennett (Australia), and Mr. Francois Brelle (France) in place of VPH Alain Vidal were nominated by their National Committees and were accepted as new members of the Permanent Finance Committee.

Item 3 : To consider the position of arrears of annual subscription and consequential remedial actions

3.1 Arrears

Committee Chairman Dr. Saeed Nairizi invited Secretary General M. Gopalakrishnan to report on the status of National Committees in arrears. During the 30th meeting of PFC, five National Committees viz: (i) Kyrgyz Republic, (ii) Macedonia, (iii) Morocco, (iv) Sri Lanka and (v) Zambia were given an additional year to clear their arrears. None cleared their arrears. These five National Committees would be considered inactive as of 1 January 2011.

3.1.1 NCs in arrears of two years or more (excluding 2010) are as follows:

Eight National Committees viz: (i) Greece, (ii) Guyana, (iii) Israel, (iv) Myanmar, (v) Nigeria, (vi) Niger, (vii) Serbia, and (viii) Uruguay would be given one additional year to clear their arrears.

Item 4 : To review progress on financial and administrative arrangements for forthcoming ICID Conferences:

- (i) 24th European Regional Conference, 14-16 March 2011, Orleans, France
- (ii) 25th European Regional Conference, 16-20 May 2011, Groningen, The Netherlands
- (iii) 62nd IEC Meeting and 21st Congress, 15-23 October 2011, Tehran, Iran
- (iv) 3rd African Regional Conference, September 2011, Mali
- (v) 63rd IEC Meeting, 24-29 June 2012, Adelaide, Australia

- (vi) **11th International Drainage Workshop, September 2012, Cairo, Egypt (The offer is to be approved in the 61st IEC)**
- (vii) **64th IEC (2 offers one each from Turkey as well as Thailand of which one would be chosen during the 61st IEC)**
- (viii) **65th IEC Meeting and 22nd Congress, 2014, Seoul, Korea (approved in 60th IEC)**
- (ix) **12th International Drainage Workshop, June 2014, St Petersburg, Russia (The offer is to be approved in the 61st IEC)**

Secretary General Gopalakrishnan reviewed the financial position regarding upcoming ICID meetings, noting that ICID receives 50% of registration for Congresses, 15% of registration for IEC Meetings and 5% of registration for Regional Conferences.

(i) 24th European Regional Conference, 14-16 March 2011, Orleans, France

No comments from the organizing committee were offered.

(ii) 25th European Regional Conference, 16-20 May 2011, Groningen, The Netherlands

No comments from the organizing committee were offered.

(iii) 62nd IEC Meeting and 21st Congress, 15-23 October 2011, Tehran, Iran

Dr. Nairizi reported that the Tehran Organizing Committee had recommended that the registration fee for accompanying persons be increased from \$200 to \$300. The increase in fee would allow inclusion of extra services for accompanying persons, including the local tours. The proposal was recommended to the Council for approval.

(iv) 3rd African Regional Conference, September 2011, Mali

The representative of the Mali National Committee, Mr. Adama Sangare, recommended that the 3rd African Regional Conference be deferred until after the Tehran Congress. PFC agreed with the recommendation.

(v) 63rd IEC Meeting, 24-29 June, 2012, Adelaide, Australia

Mr. Chris Bennett (Australia) presented information regarding the Australian National Committee's preliminary budget for the Adelaide IEC Meeting.

(vii) 64th IEC Meeting, 2013

Dr. Nairizi invited representatives of Turkey and Thailand to comment on their proposals regarding their plans to host the 64th IEC Meeting. Mr. Hussan B. Yuksel (Turkey) assured PFC that they would provide a complete financial proforma if they are selected to host the 64th IEC Meeting. No representative from Thailand was present to report.

(viii) 65th IEC Meeting and 22nd Congress, 2014, Seoul, Korea (approved in 60th IEC)

Mr. Lee, Hun Sun (Korea) indicated that the Korean National Committee would be prepared to present their financial proforma at the next meeting of PFC in October 2011 at Tehran, Iran.

Item 5 : To discuss and recommend to IEC the audited accounts for the year 2009-2010

5.1 Auditor's Report

Secretary General Gopalakrishnan reviewed the Audit Report for the year ended on 31 March 2010. The Report was included as Annex 1 of the PFC agenda, beginning on page A-198.

The Report was recommended to Council for approval.

Item 6 : Forecast for the current financial year 2010-11

Secretary General Gopalakrishnan presented the Forecast for the current financial year 2010-11, as shown on page A-201.

The Forecast was recommended to the Council for approval.

Item 7 : To consider and recommend to IEC the budget for the financial year 2011-12

Secretary General Gopalakrishnan presented the Budget for the financial year 2011-2012, as shown on page A-201.

The budget for the financial year 2011-2012 was recommended to the Council for approval.

Item 8 : To consider the preliminary budgets for years 2012-13 and 2013-14

Secretary General Gopalakrishnan presented the preliminary Budgets for financial years 2012-2013 and 2013-2014, as shown on page A-201.

The preliminary budgets for financial years 2012-2013 and 2013-2014 were recommended to Council for approval.

Item 9 : To note the external funding assistance received in 2010-11 and identify additional funding sources

Secretary General Gopalakrishnan noted that no external funding was received during this year. He reported that the Chinese National Committee had given some revenue to ICID from a Conference that the National Committee organized this year. This revenue would be reported in the financial statement for next year.

Item 10 : Broadbasing of ICID Membership

Dr. Nairizi noted that ICID needs to develop new options for financing the activities of the Commission. PFC was asked by the IEC to prepare a proposal that would broaden ICID membership.

Secretary General Gopalakrishnan summarized the elements of a broadbasing effort through adding membership categories.

Members of PFC offered several useful suggestions regarding how to proceed with broadbasing the ICID membership.

Dr. Nairizi asked that the PFC members who offered comments on broadbasing to give their comments in writing to him for inclusion in his presentation to IEC.

Item 11 : Any other business (with the permission of the Chair)

Dr. Nairizi reported that the Chair of the Working Group on Young Professionals Forum (WG-YPF) had asked that 10 members of the Forum may be allowed to attend IEC Meetings without payment of registration fees. PFC recommended approval to IEC.

Secretary General Gopalakrishnan summarized the situation regarding proceedings ordered for the 19th Congress held in Lahore in 2008 that had not been paid for. PFC recommended to IEC that the obligation maybe written off as uncollectible and invited the Pakistan National Committee to give the proceedings to Pakistani universities and other academic institutions.

Supplementary Agenda Notes

Note: Various attachments, annexes mentioned in the 'Supplementary Agenda Notes' were placed/ tabled at the respective workbody meetings, hence not appended here.

SIXTY-FIRST MEETING OF THE INTERNATIONAL EXECUTIVE COUNCIL
15 October 2010, Yogyakarta, Indonesia,
First Session: 15 October 2010 : 09.00 to 12.30 hours
Second Session: 15 October 2010 : 13.30 to 17.00 hours

Item 3 : Venues for Future Conferences

Vide e-mail dated 22 September 2010 THAICID informed that the Theme of the 8th Asian Regional Conference will be "*Water Management in the Changing World*" and the venue will be Chiang Mai, one of the provinces in the North of Thailand.

Vide e-mail dated 26 September 2010, Egyptian National Committee of ICID indicated its willingness to host the 11th International Drainage Workshop in 2012 in Egypt. Details of the theme will be known at Yogyakarta meeting in October 2010.

Elections

Item 18 : Election of Three Vice Presidents

Election of Vice Presidents

Only two applications were received from National Committees by due date i.e. 15 June 2010 in response to a call circular issued by Central Office on 15 March 2010. These were from Thailand and Pakistan. They were in order and indicated in the printed agenda, accordingly.

One position for which no National Committee nomination was received by the due date still needed to be filled-in.

In response to the Presidential invite (e-mail dated 22 June 2010) and in accordance with the By-law 2.5, the following two nominations were received for the position of Vice President:

- (i) ICID.UK Committee has nominated Dr. Ragab Ragab
- (ii) USCID has nominated Dr. James E. Ayars

CVs along with three copies of passport size photograph with a written statement (oath of allegiance) duly signed as stipulated in By-laws 2.4 were received in ICID Central Office on 3 September 2010 and 14 September 2010 respectively from UK and USA.

For discussions.

**TWENTY-FIRST MEETING OF THE PERMANENT COMMITTEE ON
STRATEGY PLANNING AND ORGANIZATIONAL AFFAIRS (PCSPOA)**
Yogyakarta, Indonesia
13 October 2010 : 09.00-12.30 hours (Session – I)
13 October 2010 : 13.30-17.00 hours (Session – II)

A. CONTINUING ITEMS

Item 2 : Membership of PCSPOA and Workbodies

2.4 Membership nomination proposals received from Workbodies under PCSPOA are as follows:

African Regional Working Group (AFRWG)

New Nomination

- Mr. S. Bouarfa (France)

European Regional Working Group (ERWG)

New Nomination

- Mr. S. Bouarfa (France)

Asian Regional Working Group (ASRWG)

New Nomination

- Dr. Tapas Kumar Biswas (Australia) in place of Mr. Anthony J. Horton

Committee on Congresses/Conferences (C-CONGR)

New nomination

- Mr. Chris Bennett (Australia)

Working Group on Young Irrigation Professionals Forum (WG-YPF)

New nomination

- Dr. Katsuyuki Shimizu (Japan) in place of Dr. Takanori Nagano

American Regional Working Group (AMRWG)

New nomination

- Ing. Agr. Sergio de Agrela (Uruguay)

B. REVIEW OF TENURES AND ACTIVITIES OF WORKBODIES**Item 4 : Active National Committees and Re-activation of Inactive National Committees (NCs)****Vice Presidents' reports on their efforts to strengthen regional cooperation and activities of NCs**

Prof. Lucio Ubertini, Vice President In-charge of region 'Americas' has made significant efforts in reactivating the inactive NCs such as Argentina, Colombia, Dominican Republic, Ecuador, Peru and Venezuela. He has also approached countries such as Costa Rica and Republic of Guatemala for their membership in ICID. These countries have expressed their interest to attend the AMRWG meeting in Yogyakarta and in activating their Committees. Vice President Ubertini will provide further details at the AMRWG meeting.

Item 15 : New Workbodies

The first meeting of the Task Force on Sedimentation of Reservoirs (TF-SEDIMENTATION) will be held on 13 October 2010 from 13.30-17.00 hours where the Terms of Reference (ToR) and membership of the new TF will be considered.

Item 18 : Any other business

**SEVENTEENTH MEETING OF THE ASIAN REGIONAL WORKING GROUP (ASRWG)
Yogyakarta, Indonesia
11 October 2010 : 09.00-12.30 hours**

VPH Dr. Karim Shiati, Chairman, ASRWG has informed (2 October 2010) the Central Office and all members of the WG that he will not be able to attend the WG meeting on 11 October at Yogyakarta and requested Mr. Tai-Cheol Kim, Vice Chairman (Korea) to chair the meeting.

Mr. Tai-Cheol Kim has kindly agreed to chair the meeting with assistance from VP Shinsuke Ota (Japan) in conducting the business of the meeting.

Item 2 : Membership of the Working Group

VP Dr. Willem Vlotman, Chairman, National Committee of Australia vide his e-mail of 21 August 2010 has nominated Dr. Tapas Kumar Biswas (*in place of Mr. Anthony J. Horton, Secretary, ASRWG*) for the membership of the WG. CV of Dr. Biswas is placed below for consideration.

CVs of the following nominations are also placed below for consideration –

- Mr. Hanan Itzkovitch (Israel)
- Engr. H.M. Jayatillake (Sri Lanka)

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is attached.

Item 3 : To discuss future work plan

3.1 New Country Membership in ICID

Mr. Kelzang Tenzin, Civil Engineer, Engineering Division, Department of Agriculture, Ministry of Agriculture & Forests (Bhutan) vide his e-mail of 28 August 2010 has shown interest in joining the ICID membership and sought the necessary information. In response, ICID Central Office (01 September 2010) provided all the necessary information for ICID membership. Further response is awaited.

Item 7 : Possibilities of developing cooperative arrangements with International Society of Paddy and Water Environment Engineering (PAWEES) and International Network of Water Environment and Paddy Fields (INWEPF)

Mr. Tai-Cheol Kim, Vice Chairman of the WG has kindly agreed (6 September 2010) to brief the WG on the INWEPF-PAWEES Joint Symposium scheduled to be held on 27-29 October 2010 in Jeju Island, Korea.

Item 8 : Asian Regional Task Force on Climate Change and Irrigation (ARTF-CC)

VPH Karim Shiati, Chairman of the WG has provided (28 August 2010) some additional inputs and also circulated this to all members (10 September 2010) for their information.

All the case studies received so far were reviewed jointly by Chairman Dr. Shiati and VP Shinsuke Ota, Chair, ARTF-CC during 13-14 July in Japan. Some specific points have been sent to the country member for necessary supplement and correction. The following agenda for the meeting of ARTF-CC at Yogyakarta has been planned:

- progress of case studies collection and review
- presentation of case studies by 4 countries: Turkey, China, Indonesia and Australia
- discussion on key to success
- sharing / collecting “New Strategy” extracted from case studies

VP Shinsuke Ota, Chairman, ARTF-CC vide his e-mail of 20 August 2010 has requested all members of the ARTF-CC to make necessary correction in their case study format taking into consideration the comments/ points provided by the Secretariat. In response, Mr. Waseem Nazir (Pakistan) has kindly agreed to make a presentation on one of his case studies during the WG meeting. Responses from others are awaited.

VPH Shiat/ VP Ota will provide more information during the meeting.

Item 6 : Linkages with Regional and Transnational Organizations for Cooperation

6.6 World Water Council

ICID at World Expo 2010

Upon invitation from World Water Council, ICID hosted an exhibition in World Water Pavilion at Shanghai World Expo from 6-12 September 2010. ICID Chinese National Committee on Irrigation and Drainage (CNCID) displayed the posters on water, irrigation and drainage, food production. A DVD was displayed to demonstrate the role and development of irrigation and drainage in China. Handouts were distributed in the pavilion to give visitors comprehensive understanding of ICID and its activities. The objective of ICID display was to show the visitors the importance of irrigation and drainage in the world. "Better city and better life" was the theme of the 2010 Shanghai World Expo. The visitors showed great interests in the ICID display and many questions were raised and answered. Attending the World Water Pavilion was a wonderful experience for both ICID and CNCID, because the ICID display not only introduced the knowledge on irrigation and drainage but also evoked the public consciousness to support the sustainable development of irrigation and drainage and protect water resources.

Mr. Wang Xiaodong (China)/ representative from CNCID may further apprise the members.

**FIFTH MEETING OF THE SPECIAL WORK TEAM ON LAKE CHAD BASIN (ST-LCB)
Yogyakarta, Indonesia
11 October 2010: 09.00-12.30 hours**

Item 2 : Membership of the Special Work Team

CVs of the following nominations are placed below for consideration –

- Dr. Mossi Maïga Illiassou (Niger)
- Prof. Dr. Tsugihiko Watanabe (Japan)

Attendance sheet of members at the meetings in 2008 and 2009 is placed below.

**TWENTY-FIRST MEETING OF THE AFRICAN REGIONAL WORKING GROUP (AFRWG)
11 October 2010 : 13.30-17.00 hours
Yogyakarta, Indonesia**

Item 3 : Progress on the implementation of the Action Program for Africa

3.2 3rd African Regional Conference, Mali, 2011

Dr. Adama Sangare, President of AMID informed that he will apprise updates on various preparations for the 3rd AfRC to be held in September 2011 in Mali.

Item 5 : Cooperation with other Working Groups and International Organizations

5.2 Agriculture Water Partnership (AgWA)

Dr. Andy Bullock, Interim Coordinator of AgWA has requested ICID to be one of the participants of the proposed "Oversight Committee" for guiding the activities of the program. This was circulated to all National Committees in Africa and members of AFRWG for information. Copy of the same are placed below for consideration at the meeting.

Item 8 : Report of the Task Force for Identifying Priority Issues for Least Developed Countries (LDCs) in Africa

The final report has been circulated among all National Committees of Africa and members of AFRWG and the concerned Vice President. Based upon the feedback/ suggestions received, if any, the report will be brought out by the Central Office in the printed form.

Item 9 : Any other business (with permission of the Chair)

1. **The Global Water Partnership (GWP)** has recently brought out a new publication “Water Security for Development: Insights from African Partnerships in Action”. The report outlines the lessons of a five-year program to develop Integrated Water Resources Management (IWRM) plans in 13 African countries. It was launched at a High-Level Ministerial Session at the Stockholm World Water Week on 8 September 2010, in the presence of the Minister of Water and Energy, Republic of Congo. The report in English and French including supplementary material is available at <http://www.gwp.org/gwp-in-action/News-and-Activities/Report-Urges-a-Better-Way-to-do-Development1>.
2. **2nd Public Private Partnership Africa Conference, 1-2- December 2010, Tunis, Tunisia:** An e-mail as received from the Organizing Committee of the 2nd PPP is placed below for information.

**FIRST MEETING OF THE WORKING GROUP ON 'IRRIGATION AND DRAINAGE
IN THE STATES UNDER SOCIO-ECONOMIC TRANSFORMATION' (WG-IDSST)
[Erstwhile Special Work Team on Aral Sea Basin (ST-ARAL)]
Yogyakarta, Indonesia
11 October 2010 : 13.30-17.00 hours**

Item 2 : Review of the membership of the Working group

CV of Mr. Ernazarov Nazimjon (Uzbekistan) is placed below for consideration.

In response to Central Office's request, the French National Committee (AFEID) vide its e-mail of 17 August 2010 has confirmed the nomination of the Mr. Bernard Vincent for the membership of the new WG and also informed that he will be attending the WG meeting on 11 October 2010.

**SIXTEENTH MEETING OF THE WORKING GROUP ON YOUNG
IRRIGATION PROFESSIONALS FORUM (WG-YPF)
Yogyakarta, Indonesia
12 October 2010 : 09.00-12.30 hours**

Mr. A.R. Salamat, Interim Chair, WG-YPF has informed (6 October 2010) the Central Office and all members of the WG that due to some unforeseen circumstances he would not be able to attend the Yogyakarta meetings. He also informed that Mr. Yaser Barghi from IRNCID will be representing him during the meeting (12 October) as well as in the YPF seminar (15 October). Mr. Barghi will coordinate with Mr. Fabian Priandani (Indonesia) for YPF activities at Yogyakarta.

Item 2 : Review of the membership of the Working Group

The South African National Committee (SANCID) has nominated Dr Yacob Beletse in place of Dr B Grove for the membership of the WG-YPF and sent his CV to the Central Office. CV of Dr. Beletse is placed below for consideration.

The Iranian National Committee on Irrigation and Drainage (IRNCID) has nominated Mr. Yaser Barghi in place of Mr. A.R. Salamat (as he is already more than 40 years old) for the membership of the WG and sent his CV for consideration. IRNCID has also informed that Mr. Human Khaledi, member, WG-YPF will be attending the WG meeting as an Observer.

As a matter of fact Mr. Human Khaledi has already replaced Mr. Salamat during New Delhi meetings in 2009. The WG therefore may consider replacing Mr. Human Khaled by the new nominee Mr. Yaser Barghi.

The Japanese National Committee (JNC-ICID) has nominated (8 September 2010) Dr. Katsuyuki Shimizu in place of Dr. Takanori Nagano for the membership of the WG and sent his Curriculum Vitae to the Central Office/Chairman. CV of Dr. Katsuyuki Shimizu is placed below for consideration.

CVs of the following nominations are placed below for consideration –

- Ir. Fabian Priandani (Indonesia)
- Ms. Kartabayeva Irina Anatolyevna (Kazakhstan)
- Mr. Nikolay Akhmatovich (Russia) in place of Dr. Nariman Shamsutdinov
- Engr. Muhammad Ejaz Tanveer (Pakistan) in place of Engr. Qazi Tallat Mahmood Siddiqui

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 4 : Review of the progress on preparation of a directory of Young Professionals

Ms. Hayati binti Zainal, Chairman, YPF-MANCID vide e-mail of 27 September 2010 has forwarded the Malaysian directory to the Central Office and is placed below for information.

MANCID representative may like to apprise the group during the Yogyakarta meeting.

Item 7 : Current activities of YPF members

Mr. A.R. Salamat, Interim Chair of the WG has informed (18 September 2010) that the Indonesian National Committee on Irrigation and Drainage (INACID) is planning to organize a seminar for the young professionals where all YPF members have a chance to present their papers. The theme of the seminar is “Improvement of irrigation and drainage efficiency under the small land holding conditions” and will be held on 15 October 2010 in Yogyakarta. The Chair requested all members to send their full length papers to Mr. Fabian Priandani Fabian.priandani@yahoo.com with a copy to him. A copy of the flyer is placed below for kind information.

TWENTY-FIRST MEETING OF THE COMMITTEE ON CONGRESSES/CONFERENCES (C-CONGR)
Yogyakarta, Indonesia
12 October 2010: 09:00-12:30 hours

Item 2 : Review of the membership of the Committee

The Australian National Committee of ICID has nominated (19 August 2010) Mr. Chris Bennett (Australia) as their representative for the Committee.

Item 3 : ICID Congresses on Irrigation and Drainage

3.2 Review and discuss the preparation of the 22nd ICID Congress (2014) in Korea

The Korean National Committee of ICID (KCID) has nominated (16 August 2010) Prof. Tai-Cheol KIM (Korea) as the Convener of the Work Team (WT) for the 22nd ICID Congress.

4.2 Review and observe the preparations made by INACID for 61st IEC Meeting and 6th Asian Regional Conference (ARC) during 10-16 October 2010 at Yogyakarta, Indonesia

The Indonesian National Committee has nominated Vice President Dr. A. Hafied A. Gany (Indonesia) as their representative. Dr. Gany may apprise the Committee.

4.4 Review and discuss the preparations for the 63rd IEC Meeting during 24-29 June 2012 at Adelaide, Australia

The Australian National Committee of ICID has nominated (19 August 2010) Mr. Chris Bennett (Australia) as their representative to attend the C-CONGR meeting and present the preparations for the 2012 events in Adelaide, Australia.

Item 7 : Any other business

64th IEC and 8th Asian Regional Conference, 2013

The ICID Central Office has received (06 August 2010) a proposal from Thai National Committee of ICID (THAICID) for hosting 64th International Executive Council (IEC) Meeting and 8th Asian Regional Conference (ARC) in November 2013. The proposal will be considered in IEC as per '*rule of business*'.

Representative from THAICID may apprise the members.

**SIXTEENTH MEETING OF THE EUROPEAN REGIONAL WORKING GROUP (ERWG)
Yogyakarta, Indonesia
12 October 2010: 09.00-12:30 hours**

Item 2 : Review of membership of Working Group

The French National Committee of ICID (AFEID) has nominated (17 August 2010) Mr. Sami BOUARFA (France) for the membership of the Working Group. CV of Mr. BOUARFA will be tabled at the meeting for consideration.

Mr. Sami BOUARFA, Secretary General of AFEID has communicated (17 August 2010) that Vice President Hon. Dr. Alain Vidal (France) may attend the meeting of ERWG in Yogyakarta, Indonesia.

Vice President Hon. Prof. Dr. Ricardo Segura Graiño (Spain) has informed (09 September 2010) that he will not be able to attend the meeting of ERWG due to other priority engagements. He also suggested that he will attend the European Regional Conferences (ERCs) in Orleans (France) and Groningen (The Netherlands).

Attendance of members in 2008-2009 meetings is enclosed as Annex.

Item 8 : European Work Team on Drainage (EWTDR)

The Australian National Committee of ICID (IAL) has withdrawn (20 August 2010) the membership of Vice President Willem F. Vlotman as member in the European Work Team on Drainage (EWTDR).

Item 9 : Conferences supported by ERWG

24th European Regional Conference of ICID, Orléans, France in 2011

The ICID Central Office has circulated (16 September 2010) the 'Call for Papers' of 24th European Regional Conference (ERC) to be held during 14-16 March 2011 at Orléans, France. The subtopics of the 24th ERC:

Topics for the 24th ERC

1. Hydro-geological studies
2. Conjunctive use of ground and surface water
3. Collective action and multi-actors processes
4. The EU Water Framework Directive and Groundwater Daughter Directive
5. Economic approaches
6. Each groundwater use has its own quality requirements

Submission deadlines

1. Deadline for two-pages papers submission : **31st October 2010**
 2. Notification to authors : **30th November 2010**
 3. Deadline for early-bird registration : **31st December 2010**
 4. Deadline for revised two-pages paper : **31st January 2011**
-

The above Conference is being organized under the guidance of Dr. Sami Bouarfa, President of the Technical Committee of AFEID and Chair of 24th ERC.

Please access Conference website of 24th ERC at <<http://www.groundwater-2011.net>> for more information.

25th European Regional Conference of ICID, Groningen, The Netherlands in 2011

The ICID Central Office has circulated (23 September 2010) the 'Call for Papers' of 25th European Regional Conference (ERC) to be held during 16-20 May 2011 at Groningen, The Netherlands. The subtopics of the 25th ERC are:

Topics for the 25th ERC

- Topic I:** Multiple land-use
Topic II: Fresh water management and salt intrusion
Topic III: Flood risk management
Topic IV: Institutional arrangements and history

Submission deadlines

- | | |
|-----------------------------------|--------------------------------------|
| 1. Acceptance of abstracts: | 1st September 2010 |
| 2. Deadline submission of papers: | 1st February 2011 |
| 3. Acceptance of papers: | 15th March 2011 |

The above Conference is being organized under the guidance of Dr. Bert Toussaint, Chairman of Organizing Committee of 25th ERC.

Please access Conference website of 25th ERC at <<http://www.icid2011.nl>> for more information.

The Chairman may further apprise the members.

SEVENTH MEETING OF THE AMERICAN REGIONAL WORKING GROUP (AMRWG) Yogyakarta, Indonesia 12 October 2010: 13:30-17:00 hours

Item 2 : Review of Membership

The Uruguay National Committee of ICID (URCID) has nominated (03 September 2010) Ing. Agr. Sergio de Agrela (Uruguay) for the membership of AMRWG. Ing. Agrela's CV will be made available during the meeting.

Item 5 : Any other business

Workshops on "Water : a Priority for Latin American Countries" : A Report

Prof. Lucio Ubertini, as ICID Vice President, promoted workshops to involve Latin American Countries in ICID activities on the topic '*Water: a Priority for Latin American Countries*', in Rome, Italy, in cooperation with IHE-UNESCO.

In the three meetings, held on the 25th of February, the 24th of March and the 14th of July 2010, the Vice President presented the role and activities of ICID, and invited the Latin America Countries to reactivate or join the Commission.

Latin American countries could share the objectives of ICID – the links between water and food, water and agriculture, water and development. Given the almost unlimited water resources of some of its areas, the water has not yet played a central role in development. Official representatives of many countries (*Republic of Argentina, Federative Republic of Brazil, Republic of Colombia, Costa Rica, Dominican Republic, Republic of Guatemala, Mexico, Republic of Peru, Republic of Ecuador, Bolivarian Republic of Venezuela*) took part in the workshops with

interest. ITAL-ICID was represented by the President Dr. Gabriella Zanferrari. Five papers were presented on the subject.

The workshops highlighted the following aspects:

- (i) Water plays a central and irreplaceable role in the development of all human activities.
- (ii) A unitary vision is essential to better understand water problems and enact proper and economically feasible solutions.
- (iii) It is appropriate to act and support better use of water resources, specifically for operational and design purpose.
- (iv) The central and strategic outcome of the meetings will be to prepare a set of proposals for consideration in the ICID American Regional Working Group (AMRWG) meeting at Yogyakarta, Indonesia and later in the PCSPOA/IEC.

Some Latin American countries (*Bolivia, Colombia, Ecuador*) have already presented their priorities for improving and enhancing the use of water resources.

All the representatives expressed their interest in scheduling periodic meetings to develop scientific programs on the topic 'Water: a Priority for Latin American Countries' and in the ICID activities.

The representatives expressed their interest in attending the meeting of American Regional Working Group (AMRWG) on 12 October 2010 at Yogyakarta, Indonesia.

President Chandra Madramootoo has congratulated (10 September 2010) Vice President Prof. Ubertini on his excellent proactive role in organizing these workshops on Latin American countries. President Madramootoo hoped that Prof. Ubertini will make a presentation on the subject during the AMRWG meeting at Yogyakarta, Indonesia.

VPH Dr. José Ortiz (Spain) has also conveyed (10 September 2010) his appreciation to VP Prof. Ubertini's for his report on the Workshops on "*Water : a Priority for Latin American Countries*" held in Rome, Italy.

TWENTY-NINTH MEETING OF THE PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)

Yogyakarta, Indonesia

14 October 2010: 11.00-12.30 hours (Session-I)

14 October 2010: 13.30-18.00 hours (Session-II)

Item 2 : Membership of the Committee

2.1 The following nominations have been received for Committee's membership:

Dr. Mark Svendsen (USA)

CV of the nominee is placed at **Annex 1**.

2.2 Attendance chart of the members at the PCTA meetings in 2008 and 2009 is placed at **Annex 2**.

Vide their e-mail dated 17 August 2010, the French National Committee (AFEID) communicated that Mr. B. Vincent will represent AFEID at the meeting.

Item 3 : Composition of Workbodies

3.2 New membership proposals for Working Groups

Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

New Nomination

- Mr. Thierry Ruf (France) in place of Mr. Jean Verdier
-

Task Force on Financing Water for Agriculture (TF-FIN)

New nomination

- Dr. Sylvain Perret (France)
- Mrs. Ananya Ray (India) in place of Mr. V.K. Chawla
- Mr. Brian Davidson (Australia)

Working Group on Environment (WG-ENV)

New nomination

- Mr. V.C. Ballard (Australia)

Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)

New nomination

- Ms. Flaviana S. Hilario (Philippines) in place of Dr. Rolu Encarnacion Pasqua

Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

New nomination

- Dr. Tapas Kumar Biswas (Australia) in place of Mr. C.G. Croke

Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

New nomination

- Mr. Jeremy Cape (Australia)

Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

New nomination

- Mr. Sanjay Belsare (India)

Item 4 : Consideration of reports of Chairs of Workbodies followed by those of respective Strategy Theme Leaders

4.2.6 Synthesis and recommendations by Theme Leader on Systems (ST.S)

In response to the invitations for the vacant positions of Strategy Theme Leader and Deputy Theme Leader on 'Systems', the Uruguay National Committee (URUCID) has proposed the name of Ing. Agr. Sergio de Agrela for Strategy Theme Leader 'Systems' or Deputy Theme Leader 'Systems'. His CV is placed before the Committee for consideration (**Annex 3**).

Item 8 : Any other business

**THIRTEENTH MEETING OF THE WORKING GROUP ON HISTORY OF
IRRIGATION, DRAINAGE AND FLOOD CONTROL (WG-HIST)
Yogyakarta, Indonesia
11 October 2010: 09.00-12.30 hours
Strategy Theme: Knowledge**

Attendance:

- VP Dr. Laszlo Hayde (Hungary) vide his e-mail of 10 September confirmed that he will be attending the 13th meeting of the WG-HIST on 11 October 2010 at Yogyakarta.
- Mr. Charles L. Abernethy (UK) vide his e-mail of 2 September has informed the Chairman that he will not be attending the Yogyakarta meeting.
- VPH Dr. Ricardo Segura Graino (Spain) vide his e-mail of 9 September has informed that he will not be able to attend the Yogyakarta meeting. Dr. Jose A. Rodriguez will be representing him during the WG meeting.

Item 2 : Review of membership of the Working Group

The French National Committee of ICID (AFEID) has nominated Mr. Thierry Ruf in place of Mr. Jean Verdier for the membership of the WG. CV of Mr. Ruf is placed below for consideration.

CV of Mr. Zarar Aslam (Pakistan) in place of Dr. I.B. Shaikh is placed below for consideration.

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 5 : Progress on publishing History of Irrigation, Drainage and Flood Control in Southern Europe and the Mediterranean

VPH Prof. Segura once again requested all members of the WG to provide their suggestions and comments on the draft version of "*Reflections on the History of Irrigation, Drainage and Flood Control in Spain*" which was circulated in July 2010 by the Central Office.

Dr. J.A. Rodriguez may like to provide further feedback to the members at the meeting.

Item 10 : Discussion on Sustainability through History

As proposed, Dr. Kamran Emami, Chairman, WG-HIST has prepared a draft proposal "Historical Water Sustainability: Lessons to be learned" and circulated to all members (9 September 2010) for their suggestions.

In response, Dr. Klaus Röttcher (Germany) has provided his contributions/ comments to the draft proposal. Dr. Hubert Toussaint, Secretary, WG-HIST vide his e-mail of 27 September 2010 has also provided his comments to the draft proposal and is placed below.

Dr. László G. HAYDE (Netherlands) has provided his contributions (7 October 2010) to the draft proposal and are placed below.

Responses from others are awaited.

Item 11 : Any other business

Book: Locales of happiness – Dr. Maurits Ertzen

Dr. Maurits Ertzen has informed (7 October 2010) the Central Office that the new book on irrigation in the Netherlands East Indies "Locales of Happiness" is available at <http://www.vssd.nl/hlf/f043.htm> and the journal on Water History at <http://www.springer.com/12685>.

SECOND MEETING OF THE WORKING GROUP ON ENVIRONMENT (WG-ENV)
Yogyakarta, Indonesia
11 October 2010 : 09.00-12.30 hours
Strategy Theme: Basin

Attendance:

- Mr. Kunihiko Naitou, Secretary General, Japanese National Committee of ICID (JNC-ICID) has informed (16 September 2010) that Dr. Kazumi Yamaoka will be representing Prof. Dr. Nobumasa Hatcho in the WG meeting on 11 October 2010.
- The French National Committee (AFEID) vide e-mail of 17 August 2010 has confirmed that Dr. Sylvain-Roger Perret will be attending the Yogyakarta meeting in October 2010.

Item 2 : Membership of the Working Group

The South African National Committee (SANCID) has nominated Dr M van der Laan for the membership of the WG-ENV and sent his CV to the Central Office. CV of Dr. Laan is placed below for consideration.

The Australian National Committee has nominated (20 August 2010) Mr. V.C. Ballard (Australia) for the membership of the Working Group and sent his Curriculum Vitae to the ICID Central Office. CV of Mr. Ballard is placed below for consideration by the WG.

2.1 Past nominations

CVs of the following nominations are placed below for consideration:

- Mr. Javeed Iqbal Bokhary in place of Dr. Engr. I.B. Shaikh (Pakistan)
- Dr. Theresa Volschenk (South Africa)
- Mr. Ahmed Aziz (Iraq)

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

2.2 Non-attendance or contribution of the members

In response to ICID Central Office's request, the Slovenian National Committee (SINCID) has confirmed (28 August 2010) the continuation of Mr. Smiljan Juvan's membership in the WG. In this regard, Mr. Smiljan Juvan has also been contacting the Chair and assuring that he will actively contribute to the activities of the WG but unable to attend the Yogyakarta meeting due to unavoidable work obligations. SINCID suggested to put him on probation for one year and during this period if he does not contribute/ attend the WG meeting next year (Tehran), than they will propose another member for the WG.

Responses from others are awaited.

Item 9 : Workshop on 'Nutrient leaching from agricultural soils' on 12 October 2010

Dr. Ge van den Eertwegh (The Netherlands) has forwarded (1 October 2010) all the materials received for the ENV workshop to the Central Office and the same is placed below.

TWENTY-EIGHTH MEETING OF THE WORKING GROUP ON DRAINAGE (WG-DRG)
Yogyakarta, Indonesia
11 October 2010 : 09.00-12.30 hours
Strategy Theme: Systems

The Japanese National Committee (JNC-ICID) vide e-mail of 16 September 2010 has informed the Central Office that Mr. Akira Nakazawa will be representing VP Shinsuke Ota in the WG meeting on 11 October 2010 (as VP Ota will be busy in ASRWG meeting). A letter received from JNC-ICID is kept below.

The French National Committee (AFEID) vide e-mail of 17 August 2010 has confirmed the participation of Mr. Bernard Vincent, Secretary of the WG in Yogyakarta meeting in October 2010.

Item 2 : To review membership of the Working Group

CV of Mr. Mati Tonismae (Estonia) is placed below for consideration.

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 3 : Activities of the Working Group

3.1 Technologies for reducing polluted drainage water and quality improvement

Mr. Azim Ashayeri (Iran) has provided (31 August 2010) the details of his presentation on the topic "Technologies for reducing polluted drainage water and its quality improvement". ICID Central Office has requested Mr. Azim Ashayeri to prepare a full length paper and forward it to the Chairman, Vice Chairman and Secretary. VP Dr. Vlotman also suggested (4 September 2010) to Mr. Azim Ashayeri to attend the meeting and make 15 minutes presentation on the topic. Response from Mr. Azim Ashayeri is awaited.

IRNCID representative attending the meeting may like to respond.

Item 4 : Workshops/ Special Sessions sponsored by the Working Group

4.1 11th International Drainage Workshop

VPH Dr. M.H. Amer, Chairman, ENCID has sent a letter to the CO about ENCID's willingness to host 11th International Drainage Workshop (IDW) in 2012. VP Dr. Vlotman vide his e-mail of 26 September 2010 has written to Dr. Irena Bondarik (Russia) regarding the possibility of changing of the month/year of the 11th IDW in view of the 63rd IEC and 7th Asian Regional Conference in the month of June 2012 and also that many ICID Office Bearers are likely to participate in the 6th World Water Forum to be held in France in March 2012.

The group will discuss and provide its recommendation to PCTA.

Item 7 : Presentations from members/ member countries

• **Presentation by Indonesian National Committee (INACID)**

VP Dr. Vlotman, Chairman (Australia) vide his e-mail of 20 August 2010 has requested the President, Indonesian National Committee (INACID) and VP Dr. Hafied Gany to explore the possibility of preparing and briefing on the status of drainage in the humid tropics during the WG-DRG meeting. The topic can be further elaborated in Adelaide 2012 meeting.

**THIRD MEETING OF THE WORKING GROUP ON TECHNOLOGY AND
RESEARCH UPTAKE AND EXCHANGE (WG-TRUE)
Yogyakarta, Indonesia
11 October 2010 : 13.30-17.00 hours**

Strategy Theme: Knowledge

Prof. Linden Vincent, Chair, WG-TRUE vide e-mail of 1 October 2010 has informed the Central Office that Dr. Kazumi Yamaoka (Japan) will attend the WG meeting and present paper. As Mr. Stephen Mills (Australia) will not be attending the Yogyakarta meeting, and will be represented Mr. Ian Moorhouse.

As the WG has scheduled to complete its tenure in 2011, Prof. Vincent has informed that she would like to step-down from the Chairmanship and also from the membership of the WG at the end of the tenure. Prof. Vincent also indicated that any new developments in IPTRID related future activities can be discussed during the meeting.

Item 2 : Review of membership, including new nominations

CV of Dr. Moch. Basuki Hadimuljono (Indonesia) is placed below for consideration.

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 5 : Activities of the WG-TRUE

In response to ICID Central Office's request, Dr. Mohamud Che Husain (Malaysia) vide his e-mail of 18 August 2010 has confirmed that he will make a presentation on "*Understanding lack of technology Uptake*" at the meeting. Mr. Indra Raj (India) vide his e-mail of 3 August 2010 has informed the Central Office that he will not be able to participate in Yogyakarta meeting. INCID has been requested to nominate a professional to represent INCID. Response from INCID is awaited.

**THIRD MEETING OF THE WORKING GROUP ON WATER MANAGEMENT IN WATER
STRESSED REGIONS (Erstwhile WG-IADWS) WG-DROUGHT**

Yogyakarta, Indonesia

11 October 2010 – 13:30:17:00 hours

Strategy Theme : Basin

Item 2 : Review of the membership of the Working Group

Attendance of members in 2008-2009 meetings is enclosed as **Annex**.

**FIFTH MEETING OF THE WORKING GROUP ON GLOBAL CLIMATE CHANGE AND
AGRICULTURAL WATER MANAGEMENT (WG-CLIMATE)**

Yogyakarta, Indonesia

12 October 2010: 09.00-12.30 hours

Strategy Theme: Systems

Item 2 : Review of membership

VPH Dr. Jose A. Ortiz (Spain) vide his e-mail of 27 August 2010 has confirmed that Dr. Juan A. Rodriguez-Diaz will attend the meeting of the WG where his nomination for the membership of the WG will be considered.

CVs of the following nominations are placed below for consideration –

- Dr. Ir. Roestam Sjarief (Indonesia)
- Dr. Edward Keith Weatherhead (UK)
- Dr. Juan A. Rodriguez-Diaz (Spain)
- Ir. C.W.J. Roest (The Netherlands)
- Mr. Naseer Ahmed Gillani (Pakistan)

The Philippine National Committee (PNC-ICID) vide e-mail of 9 September 2010 has nominated Ms. Flaviana S. Hilario (Philippines) as a replacement to the earlier nominee Dr. Rolu Encarnacion Pascua for the membership of the Working Group. PNC-ICID also informed that due to budgetary constraint, Ms. Hilario will not be attending the Yogyakarta meeting and requested for e-meetings/ conferences in the near future for those who are not financially sound. *CV of Ms. Hilario is placed below.*

As suggested by the Chairman, ICID Central Office in August 2010 requested French National Committee (AFEID) to nominate a new professional in place of VPH (late) H. Tardieu for the membership of the WG. Response from AFEID is awaited.

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is attached.

Item 6 : UN Water Task Force on “Water and Climate”

During the meeting of VPH Karim Shiati with VP Shinsuke Ota in Japan on 13-14 July 2010, all the case studies received from countries of Turkey, China, Indonesia and Australia were reviewed. The ARTF-CC has proposed to bring out a new strategy based upon case studies.

Item 10 : Any other business

Symposium on Climate Change Impacts on Soil and Water Resources, October 2011, Tehran

VPH Dr. Mark Svendsen, Chairman, WG-CLIMATE vide his letter of 15 September 2010 has proposed to co-sponsor the Symposium on “Climate Change Impacts on Soil and Water Resources” during the 21st ICID Congress to be held in October 2011 in Tehran, Iran. A copy of the letter sent by VPH Dr. Svendsen is kept below.

**NINETEENTH MEETING OF THE COMMITTEE ON PUBLIC RELATIONS AND PUBLICATION (C-PR&P)
Yogyakarta, Indonesia
12 October 2010: 09:00-12:30 hours
*Strategy Theme: Knowledge***

Item 2 : Review of the membership

Attendance sheet of members at the meetings of the Committee in 2008 and 2009 is placed below.

Item 4 : Sale of publications/Congress Transactions during the period 2009-2010

4.2 Sale of Congress Transactions

Mr. Khalid Iqbal Mehmood (Pakistan) vide his e-mail of 27 September 2010 has informed the Central Office that they have remitted US\$117 to the ICID towards the cost of transaction of 20th ICID Congress. This is for information to the Committee members.

**FIRST MEETING OF THE TASK FORCE ON WATER FOR BIO-ENERGY AND FOOD (TF- BIO-ENERGY)
Yogyakarta, Indonesia
12 October 2010: 09:00 – 12:30 hours**

Item 2 : Any other business

Indian National Committee on Irrigation and Drainage (INCID) has proposed to nominate Mr. Sanjay Belsare, Executive Engineer, Water Resources Department, Govt. of Maharashtra for the Task Force. The CV of Mr. Belsare is placed for consideration.

**FIRST MEETING OF THE TASK FORCE TO GUIDE ICID INPUTS TO WORLD WATER FORUM 6 (TF-WWF6)
Yogyakarta, Indonesia
12 October 2010: 13:30-17:00 hours**

Item 5 : FAO initiative on “Water for Food”

FAO has indicated that they are the only organization representing the “Water for Food” sector in the World Water Council Governing Council. It has also been indicated by them that they are likely to be entrusted with the responsibility of organizing the Water for Food theme by WWC / WWF6. FAO has invited ICID for the 1st informal stakeholder consultation during the World Water Week in Stockholm on 8 September 2010.

The meeting was attended by Vice President Hon. Mark Svendsen on behalf of ICID. The report as sent to ICID by VPH Svendsen is reproduced below for kind information:

“Dear S.G.

I attended the lunchtime session yesterday lead by Ben Braga in which he and others described the themes identified and the next steps in the process. For WWF6, a combined organizing committee has been formed involving both the French hosts and the WWC. This is little different from the sequential process used in the past where the WWC was in charge of the process early on, with responsibility transferring to the host country later in the process.

12 Themes are identified under three headings. These are framed in value-laden terms which, in some cases, give them a strong normative character.

1. Guarantee access to water services for all and the Right to Water.
2. Guarantee access to integrated sanitation services for all
3. Contribute to improved hygiene and health through water
4. Protect populations and economies from risks
5. Contribute to cooperation and peace
6. Balance multiple uses
7. Ensure food security
8. Harmonize energy and water
9. Protect and value ecosystem services and green growth
10. Improve the quality of water resources and ecosystems
11. Adjust pressures and footprints of human activities on water
12. Respond to climate and global changes in an urbanizing world

These are grouped under 3 “strategic directions”, i.e. “Ensure everyone’s well-being” (themes 1-5), Contribute to economic development (themes 6-8) and Keep the planet blue.

Three “conditions for success” are also listed

1. Good governance
2. Financing water for all
3. Enabling environment

It wasn’t clear how these would be employed.

Water for food would presumably fall largely under theme 7, although there are clearly some important connections with themes 6 and 8 also. There is clearly a strong bias in emphasis toward water supply and sanitation, with three separate themes relating to this topic, compared with one for food.

I introduced myself as representing ICID, a point which Ben made a note on, I noticed. I offered the personal observation that the issue of climate change had a special magnitude of importance and should perhaps be seen as cutting across the other 11 themes, rather than being relegated to a single theme at the end of the list.

The next step in the overall process will be the Second stakeholder consultation meeting in Paris on 18-19 November to further define the program and to assign responsibility to particular institutions and individuals.

A meeting of the IFC will also take place on World Water Day (22 March 2011) in Capetown which will include an “issues discussion”. A Bonn+10 meeting “Water in a Green Economy” will also include discussions of agriculture relevant to WWF6.

The powerpoints from the session should be posted on the WWC website in the next few days.

I attended also the “by invitation” session later in the day chaired by Pasquale. It was attended by perhaps 15 people and generated ideas for additional topics within the theme and comments related to views on relative emphasis. Pasquale announced the follow-on meeting in Yogya in conjunction with the IEC meeting and noted

ICID's central role in the last WWF and its continuing interest. Pasquale will prepare updated notes from the session and distribute.

I hope these comments are helpful.

Best, Mark”

**TWENTY-FIFTH MEETING OF THE WORKING GROUP ON
COMPREHENSIVE APPROACHES TO FLOOD MANAGEMENT (WG-CAFM)**

Yogyakarta, Indonesia

12 October 2010: 13.30-17.00 hours

Strategy Theme : Basin

Item 2 : Review of the membership of the Working Group

Mr. Maurice Roos (USA), Member of WG-CAFM has informed (15 September 2010) that he will be attending the meeting of WG-CAFM.

Attendance sheet of members in 2008-2009 meetings is enclosed as **Annex**.

Item 7 : Any other business

▪ ***‘Devastating Floods’ in Pakistan, China and India***

Dr. Kamran Emami, Vice-Chairman of WG-CAFM has proposed (12 August 2010) a new Item – “Devastating Floods in Pakistan, China and India in 2010” for its consideration during the WG meeting in Yogyakarta, Indonesia.

Central Office has requested (13 August 2010) the members of WG-CAFM from Pakistan, China and India to prepare a report on *‘Devastating Floods’* in their respective countries for its presentation during the WG meeting. Their presentations are important as this is the only Group in ICID that handles issues related to flood management. Mr. Maurice Roos (USA) has supported (24 August 2010) our emphasis on the presentations to be made on current flood problems in Pakistan, China and India.

▪ **International Levee Handbook (ILH)**

An important new international project is commencing to produce an International Levee Handbook (ILH). The events in Pakistan and China reinforced that levees remain an important part of a comprehensive approach to flood management. Furthermore, if they fail, the consequences can be disastrous. The need to improve the design and management of levees is therefore a critical part of moving forward.

The project scoping report gives full details including the proposed contents list for the document and can be obtained at <<http://ciria.sharefile.com/d/scdb63d8ea674ed5b>>.

On behalf of International ILH Team, Ir. Jonathan Simm (UK) seeks support from WG-CAFM on following issues:

- Handbook be discussed at WG meeting.
- Contributions from individuals who may be able to offer case study examples, information on particular aspects of national or regional best practice.
- To act as reviewer of sections of the resulting handbook.

Members may deliberate.

**FOURTH MEETING OF THE WORKING GROUP ON MODERNIZATION OF IRRIGATION SERVICES (WG-MIS)
Yogyakarta, Indonesia
12 October 2010 : 13.30-17.00 hours**

Strategy Theme: Systems

The French National Committee (AFEID) vide e-mail of 17 August 2010 has confirmed that Dr. Francois Brelle, Vice Chairman will be attending the meeting on 12 October 2010 at Yogyakarta. As both the Chairman and Secretary are not attending the WG meeting, Dr. Brelle is requested to conduct the meeting on 12 October 2010.

VP Dr. Willem Vlotman, Secretary of the WG has informed (9 August 2010) that he will not be attending the WG meeting on 12 October at Yogyakarta but will arrange a replacement for the above meeting.

Dr. Maurits Ertsen, Chairman, WG – MIS vide his e-mail of 28 September 2010 has informed that the following members have confirmed their presentations/ attendance at the meeting viz. Dr. Francois Brelle (France), Engr. Syed Mansoob Ali Zaidi (Pakistan), Mr. Andre Roux (South Africa), Mr. Lee, Tsong-Hwei (Chinese Taipei), Dr. Masayoshi Satoh (Japan) besides above there will be presentations from France, Australia and Japan.

Regarding the framework of the meeting, the Chairman has suggested that out of 3½ hours of meeting time, the first 2 hours can be utilized for discussing the agenda, while the remaining 1½ hours may be used for internal workshop. Chairman has suggested to hold an internal workshop comprising three presentations of 20 minutes each (France, Australia, and Japan) and 30 minutes of discussions.

Dr. Ertsen has suggested bringing out a final deliverable of the WG-MIS in the form of a document at the conclusion of its mandate by 2012 in Australia. He has proposed to bring out a special issue of ICID Journal – Irrigation and Drainage as this allows perfect access for ICID members as well as outside world to our ideas. However, this will require sponsor. Another alternative could be to bring out a book containing papers for which the financial support is required. One of the possible options which can be explored is through local student-association press (VSSD). Dr. Ertsen has proposed the contents of the book as follows –

0) Introduction, setting the needs and issues in modernization - Ertsen, Brelle, Vlotman

A) Conceptual papers:

- A1) Benchmarking - Vlotman
- A2) Canal control - a colleague from ASCEE?
- A3) Remote sensing - Bastiaanssen
- A4) Stakeholders/farmers - a colleague from France?
- A5) Water delivery and storage – Ertsen

B) Case studies on one or more themes discussed under A)

- B1) Australia - Moorhouse
- B2) France - Brelle
- B3) South Africa - Roux
- BX) India, Pakistan, USA, other countries?

The WG will discuss and come out with clear decision/ recommendations for PCTA.

Item 2 : Membership of the Group

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 3 : Website of the Group

Dr. Maurits Ertsen has informed (7 October 2010) the Central Office that the new book on irrigation in the Netherlands East Indies “Locales of Happiness” is available at <http://www.vssd.nl/hlf/f043.htm> and the journal on Water History at <http://www.springer.com/12685>.

Item 7 : Any other business**Special Session on ‘Modernisation of Water Management Schemes’, October 2011, Tehran**

As per Agenda Item 3 of WG-MIS (2008), earlier FAO jointly with ICID has planned to hold an International Workshop on ‘Service Oriented Irrigation Management: Key to Modernization’ on the sidelines of the Lahore in 2008. Unfortunately, it could not be materialized in Lahore as well as in New Delhi IEC in 2009.

Subsequently, it was proposed to organize a Special Session on ‘Modernization of Water Management Schemes’ during the 21st ICID Congress to be held in Tehran, Iran (2011) jointly with WG-MIS.

Mrs. Robina Wahaj (FAO) through IRNCID has expressed FAO’s interest in organizing a full day event during the Tehran Congress in 2011 (an e-mail of 20 September 2010 is kept below). In response, the Central Office has asked the FAO to prepare a brief proposal about the event covering the broad details like program, speakers, expected participants, expected outcome, funding support etc. and send it to the Central Office. The proposal will be discussed with the President, ICID, Secretary General, ICID, and Mr. Pasquale Steduto of FAO at Yogyakarta. A copy of the e-mail was forwarded to Dr. Maurits Ertsen, Chairman of the WG.

The group may like to deliberate.

THIRD MEETING OF THE WORKING GROUP ON WATER AND CROPS (WG-CROP)**Yogyakarta, Indonesia****12 October 2010: 13:30-17:00 hours****Strategy Theme : On-Farm****Item 2 : Review of the membership of the Working Group****2.1 Observer Status to ICRISAT**

Dr. C.L. Laxmipathi Gowda, Global Theme Leader – Crop Improvement, ICRISAT has informed (16 August 2010) that he will not be able to come to Yogyakarta due to other priority engagements in Korea (12-15 October 2010). He, however, is willing to contribute by e-mail.

Attendance of members in 2008-2009 meetings is enclosed as **Annex** .

Item 12 : Work Plan**12.1 International Workshop on “Water Saving Practices in Agriculture”**

The following speakers are expected to make presentations :

01. Speaker : Dr. Andrew Sanewe (South Africa)

Topic : Application of decision support models in South Africa : SAPWAT3. SWB and AquaCrop (Beletse YG, Annandale JG, Van Herdeen PS and Sanewe AJ)

02. Speaker : Prof. Dr. Niaz Ahmad Rai (Pakistan)

Topic : Raised Bed Technology to Increase Water Saving and Crop Productivity of Maize and Cotton in Pakistan (Rai Niaz Ahmad and M. Arshad)

03. Speaker : Dr. Mohsin Hafeez (Australia)

Topic : Geo-informatics based Decision Support System for Water Savings in Large Irrigation System (Mohsin Hafeez, Mahmood Khan and Zahid Islam)

04. Speaker : Dr. Choukr-Allah Redouane (France)

Topic : The Effect of deficit irrigation by treated wastewater on the Quinoa crop [Chenopodium quinoa Willd] by Hirich Abdelaziz and Choukr-Allah Redouane

05. Speaker : Dr. Mohamad Murcy Hussein

Topic : Widening of Irrigation Intervals to Save Water and Nitrogen Fertilizer on Yield of Sorghum Fodder by Hussein, M.M.

The Chairman may further apprise the WG members.

**FOURTH MEETING OF THE TASK FORCE ON FINANCING WATER FOR AGRICULTURE (TF-FIN)
Yogyakarta, Indonesia
12 October 2010: 13:30-18.00 hours**

Item 2 : Membership of the Task Force

The French National Committee of ICID (AFEID) has now formally nominated (17 August 2010) Dr. Sylvain Perret (France) for the membership of TF-FIN. Dr. Perret's CV will be made available during the meeting for consideration.

The Indian National Committee of ICID (INCID) has nominated (13 September 2010) Mrs. Ananya Ray, Joint Secretary and Financial Adviser, Ministry of Water Resources, Government of India in place of Mr. V.K. Chawla, Chief Engineer of Central Water Commission for the membership of TF-FIN. CV of Mr. Ananya Ray will be made available during the meeting for consideration.

Item 5 : Workshop on "Country policies and strategies on financing and implementation of current water user charging systems in irrigation" during the meeting at Indonesia

The ICID Central Office has again invited (15 September 2010) the members of TF-FIN for their valuable contributions and participation in the above mentioned workshop. Dr. Gerhard Backeberg (South Africa), Chairman of TF-FIN has provided (14 September 2010) fresh guidelines (**Annex**) such that some comparison can be made while preparing final proceedings or position paper of the Task Force.

The following members are expected to make presentations during the workshop :

01. Dr. Gerhard Backeberg (South Africa) – *"Policy and strategies for financing irrigation development in South Africa"*.
02. Dr. Sylvain Perret (France) – *"Policy and strategies for financing irrigation operation and development in Thailand : past and present"*.
03. Prof. Dr. Kazumi Yamaoka (Japan) – *"Policy and strategies on irrigation charging systems for rice paddies in Japan and monsoon Asia"*.
04. Dr. Brian Davidson (Australia) – *"Policy and strategies on Financing and Implementation of Current Water User Charging Systems in Irrigation in Australia"*.

The Chairman may further apprise the TF members.

**SEVENTEENTH MEETING OF THE ICID JOURNAL EDITORIAL BOARD (EB-JOUR)
Yogyakarta, Indonesia
13 October 2010: 09:00-12:30 hours**

Item 2 : Review of the members of the Editorial Board

Attendance of members in 2008-2009 meetings is enclosed as **Annex 1**.

Item 4 : Reports (from Editor, Chairman etc.)

4.1 Report of the Chairman

The Chairman's report 2009 is enclosed as **Annex 2**. A brief update for the subsequent period (January-September 2010) will be made available during the meeting.

Item 8 : Any other business

Wiley Online Library

We are delighted to announce that **Wiley Online Library** has been launched during 7-8 August 2010. **Wiley Online Library** replaces *Wiley InterScience* and will deliver seamless integrated access to over 4 million articles from 1500 journals, 9000 books, and hundreds of reference works, laboratory protocols and databases from John Wiley & Sons and imprints including Wiley-Blackwell, Wiley-VCH and Jossey-Bass. Featuring a clean and easy-to-use interface, this online service provides intuitive navigation, enhanced discoverability, expanded functionalities and a range of personalization and alerting options.

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Our pre-launch information website wileyonlinelibrary.com/info has all the information you need to help familiarize yourself with the new site. Log on to:

- Take a look at the Slideshow to familiarize yourself with the main pages of the new site.
- Join Twitter, Facebook and our email lists to ensure you receive the very latest updated information.
- When the site goes live, update any bookmarks or links you have so they take you direct to your favorite journals or subject areas on **Wiley Online Library**
- Add the Wiley Online Library logo and links to journals in your subject area on your departmental or research website. Access the Promotional Resources available.
- Register for a training webinar

The above implies that there is a new link for our Journal as well. The new web address is: **[http://onlinelibrary.wiley.com/journal/ 10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361)**

Enjoy browsing 'Irrigation and Drainage'!

SEVENTEENTH MEETING OF THE WORKING GROUP ON WATER SAVING FOR AGRICULTURE (WG-WATS)

Yogyakarta, Indonesia

13 October 2010: 09:00-12:30 hours

Strategy Theme : Systems

Item 2 : Review of the membership

The Spanish National Committee of ICID (CERYD) has sent (01 September 2010) the CV of Dr. Juan Antonio Rodriguez-Diaz (Spain) for the membership of WG-WATS. CV of Dr. Rodriguez-Diaz will be made available during the meeting of WG-WATS for consideration.

Attendance of members in 2008-2009 meetings is enclosed as **Annex**.

THIRTEENTH MEETING OF THE WORKING GROUP ON ON-FARM IRRIGATION SYSTEMS (WG-ON-FARM)

Yogyakarta, Indonesia

13 October 2010 : 09.00-12.30 hours

Strategy Theme: On-Farm

Dr. Heinz Sourell (Germany) has informed (5 October 2010) that he would like to step down from the membership of the WG-ON-FARM as he will be retiring from his Institute in April 2011. He thanked all members of the WG for their kind support and cooperation.

Mr. Kunihiko Naitou, Secretary General, Japanese National Committee of ICID (JNC-ICID) has informed (16 September 2010) that Prof. Dr. Masayoshi SATOH will be representing Dr. Makoto Yokozawa in the WG meeting on 11 October 2010 (*since Dr. Makoto Yokozawa will not be attending the Yogyakarta meeting*).

Item 2 : Review of membership of the Working Group

CV of François Chrétien (Canada) is placed below for consideration by the Working Group.

VP Dr. Willem Vlotman, Chairman, National Committee of Australia vide e-mail of 8 September 2010 has proposed Jeremy Cape for the membership of the Working Group. Earlier, Mr. Stephen Mills was representing the National Committee of Australia in the WG. However, Mr. Mills had resigned from the membership at the New Delhi meeting. Dr. Vlotman has informed that Clarke Ballard will be attending the meeting of the WG on behalf of Jeremy Cape (*as Jeremy Cape will not be attending the Yogyakarta meeting*). CV of Jeremy Cape is awaited.

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 4 : Liaison with the ISO/TC23/SC18

VP Dr. Willem Vlotman, Chair, National Committee of Australia has informed that Mr. Jeremy Cape will be representing the WG/ICID at the 29th meeting of ISO/TC23/SC18 scheduled to be held on 18-23 October 2010 at Adelaide. Chairman VPH Reinders has agreed for the proposal.

Mr. Bruno Molle has conveyed that he will not be attending the ISO/TC23/SC18 meeting.

Item 5 : World-wide Usage of Micro and Sprinkler Irrigation

5.1 Datasheet on Sprinkler and Micro Irrigated Areas in ICID Network Countries

Dr. Graziano Ghinassi (Italy) vide his e-mail of 20 September 2010 has provided the updated data of sprinkler and micro irrigation in Italy.

The latest updated datasheet will be circulated at the meeting.

Item 7 : 8th International Micro Irrigation Congress (8IMIC), Tehran, 2011

Latest list of abstract of the papers received for the 8th International Micro Irrigation Congress (8IMIC) will be tabled during the meeting. Abstracts/ full length papers received will be evaluated by the review committee appointed by IRNCID. IRNCID will also inform the concerned authors about their acceptance of the papers.

FIRST MEETING OF THE TASK FORCE ON SEDIMENTATION OF RESERVOIRS (TF-SEDIMENTATION)

Yogyakarta, Indonesia

13 October 2010: 13:30-17:00 hours

Membership: On invitation from ICID Central Office, Spanish National Committee vide e-mail dated 12 August 2010 indicated that they have circulated the announcement amongst the members of CEYRD and AERYD inviting nominations. They will inform ICID as and when someone wishes to be nominated.

Vide e-mail dated 24 September 2010, the Philippine National Committee of ICID has nominated Mr. Reynaldo L. Balolo for the Task Force. His CV is placed below for consideration.

**NINTH MEETING OF THE WORKING GROUP ON SUSTAINABLE
DEVELOPMENT OF TIDAL AREAS (WG-SDTA)**

Yogyakarta, Indonesia

13 October 2010: 13:30-17:00 hours

Strategy Theme : Basin

Item 2 : Review of membership of the Working Group

The French National Committee of ICID (AFEID) has informed (17 August 2010) that Mr. Bernard Vincent (France) will be able to participate in the WG-SDTA meeting.

Attendance of members in 2007 and 2009 meetings is enclosed as **Annex** (*Meeting did not take place in 2008*).

Item 3 : Publication of the WG document on SDTA

The final draft version of WG-SDTA publication on “*Towards Sustainable development of Tidal Areas : Some Principles and Experiences*” will be made available during the meeting of WG.

Item 4 : Financial Support to publish the Handbook

Central Office has received the payments of US\$ 4000 each from KCID and JNC-ICID, respectively, towards publishing SDTA Handbook.

All the members and supporters of SDTA-Handbook profusely thank the KCID, JNC-ICID and CTCID for their financial support to publish this valuable publication.

**SECOND MEETING OF THE WORKING GROUP ON THE ROLE OF IRRIGATION IN
POVERTY ALLEVIATION AND LIVELIHOODS (WG-POVERTY)**

Yogyakarta, Indonesia

13 October 2010 : 13.30-17.00 hours

Item 1 : To review membership of the Working Group

The South African National Committee of ICID (SANCID) has nominated Ms. M.J. Gabriel to replace Mr. A. Roux for membership of the Group.

CVs of Ms. Laura Schroeder (USA) and *Ms M.J. Gabriel* are kept below for consideration.

Item 5 : Work Plan of the Group

- Mr. Andre Roux (South Africa) in his e-mail of 17 September 2010 informed the Central Office that he will make a presentation on “Multiple uses of farm storages” at the WG meeting. His paper is kept below.
 - Mr. R.C. Jha, Vice Chairman, WG-POVERTY informed vide his e-mail of 5 October 2010 that he is not in a position to participate in the workshop of WG-POVERTY. However, Vice President A.K. Bajaj (India) will make the presentation at the workshop. Mr. Jha’s presentation is also kept below.
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**FIFTEENTH MEETING OF THE WORKING GROUP ON USE OF
POOR QUALITY WATER FOR IRRIGATION (WG-PQW)**

Yogyakarta, Indonesia

13 October 2010 : 13.30-17.00 hours

Strategy Theme: On-Farm

Dr. Frans Huibers, Secretary, WG-PQW (The Netherlands) has informed that he will not be attending the meeting due to other prior commitments. However, Prof. Linden Vincent and Harm Boesveld will be representing Dr. Huibers

at the WG-PQW meeting. Prof. Huibers has also sent a PPT “UN-Partnership meeting” and will be presented by one of the above persons at the meeting.

Mr. Kunihiro Naitou, Secretary General, Japanese National Committee of ICID (JNC-ICID) has informed (a letter of 16 September 2010 as received is kept below) that Dr. Takao Masumoto will be representing Dr. Makoto Yokozawa in the WG meeting on 13 October 2010 (*since Dr. Makoto Yokozawa is not attending the Yogyakarta meeting*).

Item 2 : Review of the membership of the Working Group

The South African National Committee (SANCID) has nominated Prof L van Rensburg in place of Mr M du Plessis for the membership of the WG-PQW and sent his CV to the Central Office. CV of Prof. Rensburg is placed below for consideration.

VP Dr. Willem Vlotman, Chair, National Committee of Australia vide e-mail of 20 August 2010 has nominated Dr. Tapas Kumar Biswas (Australia) in place of Mr. C.G. Croke for the membership of the Working Group. CV of Dr. Biswas is placed below for consideration.

CVs of the following nominations are placed below for consideration -

- Dr. Jinzhong Yang to replace Dr. Gao Zhanyi (China)
- Mr. Bekbayev Ussen (Kazakhstan)
- Dr. Paramjit Singh Minhas to replace Dr. N.K. Tyagi (India)
- Mr. M. Sidhu to replace Mr. Maghmoom Muhammad Iqbal/ Dr. Ramzan Choudhry (Pakistan)

Attendance sheet of members at the meetings of the Working Group in 2008 and 2009 is placed below.

Item 4 : Cooperation with other Workbodies and International Organizations

4.2 Cooperation with International Organizations

- **United Nations Environment Programme (UNEP)**

The Central Office has received the draft minutes of the meeting of the UN Water Taskforce on Wastewater Management held in Stockholm on 6 September 2010 from UNEP and the same is placed below for perusal. Comments/ suggestions, if any may be sent to David Osborn, Coordinator, GPA, UNEP (David.Osborn@unep.org) with a copy to the Central Office (icid@icid.org).

- **UN-Water Decade Programme on Capacity Development (UNW-DPC)**

Dr. Frans Huibers (The Netherlands) has informed that he could not participate in the meeting of 16th International Trade Fair for ‘Water, Sewage, Refuse and Recycling IFAT’ scheduled on 13-17 September 2010 at Munich, Germany.

VP Dr. (Mrs.) Samia El-Guindy (Egypt) had attended the UN-Water Dialogue and represented ICID in the Session on “Sick water is threatening the MDGs: A stakeholder dialogue to address capacity development and communication needs” held on 8 September 2010 in Stockholm on the sidelines of the World Water Week. She has sent a report of her participation to the Central Office and is placed below. The WG may like to provide its observations.

Item 5 : Work Plan of the Group

In response to ICID Central Office’s request, VPH Dr. Gao Zhanyi (China) confirmed (27 August 2010) that he will make a presentation on “Multiple use of poor quality water in China” during the Yogyakarta meeting.

Dr. N.K. Tyagi (India) vide his e-mail of 1 September 2010 has provided a paper titled “Managing drainage effluents and urban wastewaters for augmenting irrigation supplies” to the ICID Central Office, Dr. Ragab, Dr. Huibers, and Indian National Committee (INCID). Dr. Tyagi also volunteered to prepare a Power Point presentation but requested someone from Indian delegation to present it as he will not be attending the Yogyakarta meeting. In this regard, the

ICID Central Office requested INCID that either Dr. Paramjit Singh Minhas or someone from India may attend the Yogyakarta meeting and make presentation. Response from INCID is awaited.

Item 7 : Website for the working group

Mr. Frans Huibers, Secretary of the WG vide his e-mail of 22 September 2010 suggested to provide a link of the formal journal articles/ papers on the subject published in "Irrigation and Drainage" including special issue on wastewater published in 2005. The group may like to advice.

**THIRTYFIRST MEETING OF THE PERMANENT FINANCE COMMITTEE (PFC)
Yogyakarta, Indonesia
12 October 2010 : 13.30-17.00 hours**

Item 2 : To review membership of the Committee

- (a) As per ICID By-law 3.2.1.2, "Members of each Committee will be appointed for a three-year term by the Executive Council at the time of a Congress and may continue to function up to a total of six years, continuously or intermittently. Members, who no longer are actively functioning, may be replaced at the time of the Council meeting according to the aforesaid rules." Accordingly, the following members have completed six years of their tenure at the time of the Yogyakarta Council meeting.
- o Vice President Dr. Laszlo G. Hayde, Vice Chairman (Hungary)
- (b) CVs of the following nominees are placed at **Annex 1**.
- o Mr. Bert Toussaint (The Netherlands)
 - o M. Francois BRELLE (France)

With the conclusion of the tenure of one member and presuming acceptance of the new replacement of nominations from The Netherlands and France, the total strength of the PFC will be at a minimum of 10 members.

Item 3 : To consider the position of arrears of annual subscription and consequential remedial action

3.1 Arrears

The National Committees/Committee who were in arrears of one year or more as on 31 March 2009, have cleared their arrears are:

1. Chile
2. Indonesia
3. Uzbekistan (subscription received for 2010 but this has been adjusted for 2009)

A list showing the active National Committees in arrears of annual subscription as on 30 September 2010 is placed at **Annex 2**.

Item 4 : To review progress on financial and administrative arrangements for forthcoming ICID Conferences

(i) 24th European Regional Conference, 14-16 March 2011, Orleans, France

Information with regard to the administrative, technical and financial preparation for the event has been received from the French National Committee of ICID (AFEID) and is placed at **Annex 3** for consideration during the meeting.

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(ii) 25th European Regional Conference, 16-20 May 2011, Groningen, The Netherlands

The budget sheet regarding the 25th ICID European Regional Conference in Groningen as received from NETHCID is kept at **Annex 4** for consideration at the meeting.

(iii) 62nd IEC Meeting and 21st Congress, 15-23 October 2011, Tehran, Iran

Dr. S.A. Assadollahi, Secretary General, IRNCID vide his e-mail dated 18 August 2010 brought the following issues to fore:

- Most of the accompanying persons do not register in the congresses resulting in reduced income to ICID.
- IRNCID proposes that the accompanying persons' registration fee be US\$ 275 of which US\$ 75 shall be accrued to the ICID account and US\$ 200 shall be accrued to IRNCID for the real services provided to the accompanying persons. For example, an unforgettable 4 day recreation tour in Tehran to visit the glorious, fascinating, and superb places including services & costs of lunches, transportation, entrance tickets, as well as, invitations for two magnificent dinners and splendid ceremonies plus souvenir for each accompanying person.
- In case, the above-mentioned proposal is unacceptable, the registration fee for each accompanying person shall be US\$ 200 of which the ICID share shall be US\$ 100. In this case, none of the congress services and facilities shall be rendered to the accompanying persons. If services/ facilities are not provided, accompanying persons tend to not register leading to reduced income to ICID.
- As the final brochure is to be printed in time to announce the services relevant to the accompanying persons, IRNCID will appreciate the PFC Viewpoint on US\$ 75 share for the ICID, at the earliest.

(vi) 11th International Drainage Workshop, 2011, Moscow Russia

The Russian National Committee of ICID (RuCID) has offered to host the 11th International Drainage Workshop (IDW) at Smolnay3 of the Administration of Leningrad District in Russia during 16-20 June 2012. Their filled-in proforma is placed at **Annex 5** for consideration.

(vii) 64th IEC, 2013

The Central Office has received the filled-in proforma for bidding from the Thai National Committee on Irrigation and Drainage (THAICID) for the 64th IEC and 8th ARC. THAICID proposal is placed at **Annex 6** for consideration. CO has advised THAICID that their representative be present at the PFC meeting (2010) to apprise the members on the event.

(viii) 65th IEC Meeting and 22nd Congress in 2014 at Seoul, Korea (approved in 60th IEC)

The Korean National Committee on Irrigation and Drainage (KCID) proposal for hosting 65th IEC meeting and 22nd Congress was accepted at the 60th IEC, New Delhi. Filled-in proforma for KCID is placed at **Annex 7** for consideration.

PFC may consider the above for approval.
