



### From Secretary General's Desk...

Dear Friends,

World is becoming increasingly interdependent not only for economic activities but also due to the interlinkage between Earth's environment and their impact on water resources and climate change among others. While the consequences of economic inter-dependence are very apparent in short term, the repercussions of environmental impacts are slow but severe and are therefore not easily captured on the screens of political radars. Realization that such interdependence requires cooperation among nations, stakeholders and common man to deal with the impending challenges of increasing water scarcity lies at the root of the United Nations General Assembly Resolution on "Implementation of the International Year of Water Cooperation, 2013".

The High Level International Conference on Water Cooperation (HLICWC) was held in Dushanbe, Tajikistan, on 20-21 August 2013 that supported the cause of the International Year of Water Cooperation. The Conference recognized the importance of managing the multiple uses of water resources for human well-being, sustainable socio-economic development, in increasing resilience to extreme events and in maintaining ecological integrity.

Similar challenges within the agriculture water management are at the heart of the First World Irrigation Forum scheduled to be inaugurated within less than a fortnight in Mardin, Turkey. There has been tremendous response to the Forum with almost 500 participants having already registered for the event so far. The clouds of uncertainty and apprehensions of imminent Military Action in neighbouring Syria, thereby jeopardizing the security in Mardin that had gathered over the WIF-1 have been fully dispersed. In a rare and Surprising Breakthrough the international community has been able to find a solution to the crisis and averted Military Action, at least for the time being.

As we fast approach the inaugural session of the First World Irrigation Forum on 29th September, various programs are getting finalized. The Detailed Program of the Forum, though still tentative, has been uploaded on the ICID website <[www.icid.org/detailed\\_prg\\_wif.pdf](http://www.icid.org/detailed_prg_wif.pdf)> for easy accessibility. Chairs/ co-chairs and rapporteurs of the sessions; facilitators



of Roundtables and Panel discussions have already been contacted and they have been informed about their roles and responsibilities through the 'guidelines' available on a Google Drive (GDrive). If you are one of the chairs/ co-chairs or rapporteurs of the sessions, or facilitators of the Roundtables and Panel discussions and have not received the required information, please contact Central Office immediately. In this issue you will find the schedule of Side Events as well. As the programs in such large events are likely to get modified, I strongly encourage you to **please keep track of the updates** on GDrive or website as the case may be.

In this issue of the News UPDATE you will also find the detailed program of the 64th IEC meeting along with the pre-council meetings of the workbodies. Let me remind those who might not have gone through the Consolidated Detailed Agenda <[www.icid.org/agenda.html](http://www.icid.org/agenda.html)> as yet that the President has convened a short plenary session of the 64th IEC on 1st October, before the start of the workbody meetings on 2nd October. The Annual Report 2012-13 <[www.icid.org/ar\\_e\\_2012.pdf](http://www.icid.org/ar_e_2012.pdf)> that largely provides a detailed overview of the activities carried out since the 63rd IEC, more than 15 months ago, forms an important part of the Action Taken Report that you might like to keep handy.

In our tradition that started with the March 2013 issue, in this edition of the News UPDATE we are introducing the Chinese National Committee of Irrigation and Drainage (CNCID), which in less than 30 years of its membership of ICID has richly contributed to the mission of ICID. The members of CNCID bagging two of the WatSave Awards this year is just an example. Not only by sharing technical experiences but also by financially supporting a number of ICID activities, CNCID has truly lived up to the spirit of the "Year of Water Cooperation 2013". CNCID's support to the ICID by fully funding the First World Irrigation and Drainage Prize, 2013 is highly appreciated.

Assuring you of the utmost safety that one can expect anywhere in the world in today's turbulent times, I look forward to see you in Mardin, the ancient city of peace and tranquillity.

And hey! Don't forget to pack your notebook/ tablet computers as you are joining the global efforts to reduce carbon footprints of this mega event.

Best regards,

Avinash C. Tyagi  
Secretary General

### Welcome to Turkey

Dear precious colleagues,

Scientific studies point out that as a result of the climate change, water related natural disasters, experienced in many countries, have been occurring more destructively with larger scale than those happened in the past. Impacts of global warming and climate change have been intensifying with each passing day in the world and in our region. These conditions add to the difficulties of water administrators in the semiarid zones in which Turkey is located as well.

Given the above challenging situation, the 1st World Irrigation Forum (WIF-1) of ICID together with the 64th IEC Meeting has come to Turkey at a very opportune time with the main theme as "Irrigation and drainage in a changing world: Challenges and opportunities for global food security" to provide possible solutions to the problems of the region in particular and to the world in general. The 1st WIF will be held at Mardin, the city of tolerance in Turkey, commencing from 29 September to 05 October 2013.

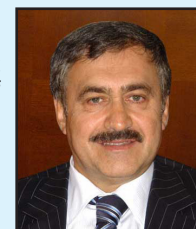
Having been a city of fraternity, peace, and tolerance for seven thousand years, Mardin has been the cradle of civilizations. Being an open air museum in which languages religions have nearly rowed in the same boat, Mardin is a component of the Southeastern Anatolian Project (GAP), which is the most important regional development project in Turkey. GAP is an integrated project composed mainly of energy, irrigation, and water supply projects as well as Suruc Tunnel to be built as the 5th longest tunnel of the world.

It is my great pleasure to extend my warmest and sincere welcome to the participants of the WIF-1, which would be an important platform for many experts and professionals of the world to meet together and find solutions for sustainable agricultural, where water/irrigation is the most important input. I believe that deliberations on many subjects will bring fruitful results and recommendations for all stakeholders in the agricultural sector.

See you in Mardin in a couple of weeks, so as to share the solutions for more pleasant world.

Best Regards,

Prof. Dr. Veysel EROĞLU  
Minister  
Forestry and Water Affairs, Turkey



## Updates: 11 days left for First World Irrigation Forum (1st WIF)

The First World Irrigation Forum (1st WIF), together with 64th International Executive Council (IEC) meetings are only 11 days away and I am sure you are all excited to join the first mega WIF and will leave no stone unturned to make it a successful event. You all are encouraged to join the mega First World Irrigation Forum (1st WIF) and contribute to the theme of the Forum which is "Irrigation and Drainage in a Changing World: Challenges and Opportunities for Global Food Security". The challenges are huge and therefore we all have to pull our resources and come together at Mardin to find solutions to the challenges posed.

The combined program of WIF+IEC and the detail day to day program of WIF are now available at: <https://drive.google.com/folderview?id=0B9xAYG3DSSTUYnRNQV A4UFBmaDg&usp=sharing>

The Inaugural Ceremony will be held at Artuklu University from 10:00 to 12:00 hours on 29 September 2013. Many Honourable Ministers from several countries, several other VIPs of international repute are likely to address the Forum.

The Forum then moves to Erdoba Elegance Hotel for Inauguration of the Exhibition

followed by Cocktail ... SO DON'T MISS EITHER! The Plenary sessions and sub-theme sessions then commence from 13:30 hours onwards at two venues Erdoba Elegance Hotel and Hilton Hotels, which are very well connected with regular free transport facility. The Round Table – 1 on 'Ministerial Meeting on Policy Issues' will be organized from 16:30 to 18:30 on 29 September 2013 at Hilton Hotel followed by Welcome dinner and cultural program at the same hotel.

The very First World Irrigation Prize will be awarded to Prof Dr. Victor A. Dukhovny at ICID's very First World Irrigation Forum. YOU Can't AFFORD TO MISS IT!!!

All speakers please remember to submit your PP presentation at the specially set up 'SPEAKER'S DESK' six hours in advance of your presentation schedule. Speakers may note, full papers will get 12 minutes (8 slides only) each and short communications will get 5 minutes (4 slides) each for presentation. After all you want to deliver your message with precision and clarity. The time for poster presentation is 10:30 to 11:00 hours and 15:00 to 15:30 hours on 30 September and only in the morning coffee break on 1 October. All

Chair, Co-Chair and Rapporteurs should access the guidelines specially designed for them for smooth and effective functioning of the proceedings of the sessions.

Another session you cannot afford to miss is Plenary Session V from 13:30 to 15:00 hours on 1 October which will be integrating the main and three sub-themes and will surely be enhancing our understanding of the subject. Thematic Wrap-up session will follow after the coffee break where 1st WIF Statement will be adopted.

Pre-council meetings of ICID workbodies will commence with a short Plenary session on 1 October and will be in full swing from 2 October onwards. Please see the detailed program of IEC and its pre-council meetings are given on page 6-7.

For many other details (visa, invitation letters, registration, programme, tours etc), please visit the Forum website <http://www.worldirrigationforum.org/en/>. 'DEKON Congress and Tourism' are the event managers and can be contacted at e-mail: [secretariat@icid2013.org](mailto:secretariat@icid2013.org) for any help and assistance what-so-ever. TUCID Secretariat can be contacted at e-mail: [icid2013@dsi.gov.tr](mailto:icid2013@dsi.gov.tr).

## Clouds over World Irrigation Forum have finally diffused for good

The President Gao Zhanyi and Secretary General Avinash Tyagi have been constantly in touch with President of TUCID and others on the issue of security situation in Mardin due to impending international military action on fighting within Syria. The organizers have assured us that Mardin is the most peaceful city in Turkey. Akif Ozkaldi, Director General of DSI and President of TUCID has informed us as below:

"Mardin is one of the most peaceful, tranquil and safe city in Turkey. It is the cradle of civilizations, an open air museum in which languages, different religions, and cultures have coexisted for seven thousand years and is a city of fraternity, peace and tolerance, the characteristics which the city of Mardin proudly carries till date. The other unique characters of Mardin are:

1. It is the cradle of ancient irrigation and agriculture

2. It has hosted the most ancient civilization of world history
3. It has three different religion and four different languages, having the best examples of living in peace in a multicultural society
4. And Mardin also attracts attention with its modern irrigation and agriculture

However, based on the reports from the newspapers, and the situation in Syria, might give an impression of uneasiness and inconvenience. It is assured that the city of Mardin and nearby border cities will continue to be calm, peaceful and tranquil."

Given the concerns expressed by some of the prospective participants to the Forum over the security situation in Mardin, Turkey, some clouds had gathered over the attendance at the FIRST WORLD IRRIGATION FORUM. Mr Akif Ozkaldi, Chair of the host TUCID had already assured the participants that Mardin is a very safe city. However, due

to the International Developments over the chemical weapons and the threat of imminent Military Action, these concerns could not be put at ease. With the world leaders reaching a Dramatic Breakthrough, the Clouds over World Irrigation Forum have finally diffused for good. It was a Surprise and rare diplomatic Success. More details on the Breakthrough are available in following links.

### Obama welcomes US-Russia Syria chemical weapons plan

President Obama welcomes the US and Russian deal, under which Syria's chemical weapons must be removed or destroyed, as an "important ... <<http://www.bbc.co.uk/news/world-middle-east-24098159>>

### Syria crisis: US 'to drop military threat'

The US will drop its insistence that a UN resolution on Syria is backed by military force, officials say, as US-Russia talks enter third day. <<http://www.bbc.co.uk/news/world-middle-east-24089510>>

## Instant access to documents for 64<sup>th</sup> IEC meetings

The Agenda for all the pre-council meetings of 64<sup>th</sup> IEC can be directly accessed from our website <http://www.icid.org/agenda.html>. Supplementary Agenda will be shortly available. **The detailed program of the First World Irrigation Forum and Pre-Council Workbody Meetings of 64<sup>th</sup> IEC is given on page 6-7.**

In addition, the ICID Central Office has opened "Dropbox" account for 64<sup>th</sup> IEC and to share files required to be referred to by the Chairs/Vice Chairs/Secretaries of the respective Workbodies (WBs) and Task Forces (TFs). The WBs require to submit their reports/minutes immediately after the meetings. In order to facilitate the process at the Mardin meetings and provide instant access to all the meeting related information, ICID Central Office has created a Dropbox account named '64<sup>th</sup> IEC Mardin – Drive'.

The files listed in 'Summary Report of WGs' sub-folder are password protected. Members can open their files by using the passwords provided to them. Members can edit these files and it will be available to the Chair of PCTA and the CO Staff, instantly. Central Office has invited the Chairs, Vice-Chairs and Secretaries of the ICID Workbodies and Task Forces to join the Dropbox portal and make use of this facility. Members can connect to their account directly from <http://www.dropbox.com> by using any Internet browser. Please contact Mr. Madhu Mohanan, Programme Officer, ICID at <[madhu@icid.org](mailto:madhu@icid.org)> for clarifications, if any.

## International Conference on Water Cooperation

Government of Republic of Tajikistan, jointly with UN and its institutions convened the 'International Conference on Water Cooperation' during 20-21 August 2013 at Dushanbe, the capital of Tajikistan. The main objective of the conference was to contribute to the improvement of water cooperation, particularly at the trans-boundary level, through advocating



successful policies and best practices, wider public participation, encouragement of policy-makers to promote water cooperation at all levels to contribute to the achievement of internationally agreed

## Know your National Committees



Since its foundation, the People's Republic of China (PRC) has invested a lot of resources in the development of irrigation and drainage infrastructure and received great laurels.

Chinese National Committee on Irrigation and Drainage (CNCID) was established in 1980 as a national level organization representing China's irrigation and drainage sector.

CNCID joined the ICID family in the year 1983 and has since been taking active part in various activities, especially representing China in the international irrigation and drainage community. CNCID has Presidium which consists of Chairs, Vice-Chairs, a Secretary-General, Deputy-Secretary Generals, an Executive Secretary and many Secretaries. CNCID has been actively contributing to the development of irrigation and drainage by facilitating exchanges and cooperation among various stakeholders.

China has provided four Vice Presidents to ICID in the past: VPH Prof. Qishun Zhang, VPH Prof. Xu Zhifang, VPH Prof. Cai Ling and VPH Dr. Gao Zhanyi. Dr. Gao Zhanyi became the President of ICID in 2011 for a three year term (2011-14).

Under the leadership of the Ministry of Water Resources of PRC and Chinese Hydraulic Engineering Society, CNCID has successfully completed tasks such as participating in a variety of activities organized by ICID, organizing activities for its members, collecting and publishing data and information concerning irrigation and drainage, circulating ICID news, providing consultation services to the decision-makers, and seeking cooperation with the other countries and international agencies having similar goals.

With rich experiences in investment and management of irrigation schemes across China, Mr. Wang Aiguo became the Chairman of the Chinese National

Committee on Irrigation and Drainage (CNCID) in April 2011. He is presently the Director General of Department of Irrigation, Drainage and Rural Water Supply, Ministry of Water Resources. Prior to his appointment as the Director General of the Department of Irrigation and Drainage and Rural Water Supply, he was with the Department of Safety Supervision and the Department of Planning and Programming in Ministry of Water Resources.

Under his guidance, CNCID has become a more active player in the irrigation and drainage community of both China and the World. Currently, he is guiding the following activities of CNCID – (i) establishing bilateral exchanges and cooperation with other countries such as Indonesia and Vietnam; (ii) organizing forums and workshops – 'International Advanced Workshop and Training on Irrigation and Drainage', 'ICID Session on the Yellow River Forum: Water and Food Security', 'Regional Workshop on the Future of Irrigation Modernization', and 'Regional Workshop on Strengthening Regional Capacity for Irrigation Revitalization and Agriculture Water Governance'; (iii) activities of first Chinese IPTRID Nodal Centre namely, "China Research and Training Center" at IWHR, which was launched in July 2011; and (iv) organizing and coordinating works such as CNCID papers for 'First World Irrigation Forum' (1st WIF), applications for the '2013 WatSave Awards' etc.

CNCID members have bagged a number of WatSave Awards and Best Paper Awards.

CNCID has supported ICID activities by sponsoring the First World Irrigation and Drainage Prize and participation of a number of members from developing countries to the World Irrigation Forum.

ICID congratulates Mr. Wang Aiguo, Chairman of CNCID for taking it to new heights of cooperation activities and looks forward to his continued involvement in the activities of ICID towards fulfilling the mission of ICID.

goals on water. The opening ceremony was attended by President and Prime Minister of the Republic of Tajikistan; Prime Ministers of Thailand, Kyrgyz Republic,

Mozambique, and Burkina Faso; representatives of UN and other organizations; and President of the World Water Council.

Dr. Hüseyin GÜNDOĞDU (Turkey), Vice President, ICID represented ICID in the conference together with Turkish delegation. Taking advantage of the bilateral negotiations between H.E. Minister, Mr. Rahmat Bobokalonov, Ministry of Melioration and Water Resources of

Republic of Tajikistan and H.E. Turkish Minister Dr. Nurettin Akman, Vice President Dr. GÜNDOĞDU promoted First World Irrigation Forum (1st WIF). Dr. Akman delivered a speech on Turkish Water Cooperation activities and emphasizing the role of First World Irrigation Forum in strengthening the linkages between countries. He invited all conference participants to join the 1st WIF in Mardin, Turkey. VP GÜNDOĞDU discussed the issue of membership of Tajikistan in ICID with H.E. Minister Mr. Bobokalonov and encouraged reactivating Tajikistan membership in the ICID, who responded positively.

## WINNERS OF WATSAVE AWARDS 2013

### Technology Award

Prof. Yi Yongqing (China)

Prof. Yi Yongqing's work on "Thin and Exposed Irrigation for Paddy Rice" has won him the WatSave Technology Award 2013.



In order to explain the farmers, he named the water saving irrigation for paddy rice as "Thin and exposed irrigation". "Thin" means that the irrigation layer should be as thin as possible, usually around 20 mm; and "exposed" means that the soil surface exposed to the air for oxygen absorption and emission of harmful gas.

Since 1980's, Prof. Yongqing has been experimenting with the irrigation methods for paddy (rice) that save water and also increase yields. After many years of theoretical study and field experiments, he presented "Thin and Exposed Irrigation for Paddy Rice" to the world which has been widely adapted in Yuyao municipality since 1994. This technology has since been extended to Zhejiang province over 4.20 million ha, where 3.91 billion cubic meters of water and 0.26 billion kilowatt of power have been saved and an increase of 1.45 billion kilogram of grain has been achieved with the economic benefit of RMB 3.63 billion Yuan (US\$ 0.70 billion).

Zhejiang provincial government has held two on-the-spot meetings for extension of this water saving technology in Yuyao municipality. Over 150 domestic and international experts and 3600 technicians visited and acquired the knowledge of the water saving technology in Yuyao. These technologies have been extended to over 5.11 million ha of farmland, where 5.15 billion cubic meters of water has been saved, an increase of 1.58 billion kilogram of grain has been achieved, and 0.30 billion kilowatt of power has been saved all together. Besides ecological benefits, the direct economic benefit was RMB 11.98 Yuan (US\$ 1.93 billion).

In last two decades, Prof. Yongqing has been awarded 16 patents, and each patent has been applied in agricultural water saving schemes. He has published 40 papers and 4 books.

Congratulations to Prof. Yi Yongqing!

### Innovative Water Management Award

Mr. Zhang Xuehui (China)

Mr. Zhang Xuehui's work on "Innovations and Reforms for Modern Irrigation Management in Large Irrigation Schemes" has won him the WatSave Innovative Water Management Award 2013.



Since 1984, Mr. Zhang Xuehui has worked with Jiamakou Irrigation Scheme (JIS), also known as Jiamakou Yellow River Diversion Irrigation Scheme in Shanxi Province of China. The JIS was the first large high-lift irrigation scheme in Yellow River Basin constructed from July 1958 to July 1960 it. With the innovations of the special lubrication system and impeller, the pump set can operate 2,630 hours and the annual maintenance cost was lowered by 10 percent and the service life of the impeller jumped from 1000 hours to 4000 hours. In 2002, Mr. Zhang designed and constructed a floating pumping station which could accommodate the fluctuating water level of the Yellow River and with this a major water shortage problem was solved.

With the application of this innovation, water use efficiency at the main and branch canals of JIS has increased from 0.68 in 1996 to 0.83 in 2012 resulting in water saving of more than 18 million m<sup>3</sup> every year. About 120 million m<sup>3</sup> of water has been saved from year 2000 to 2012. From 2002 to 2012, the annual added value of irrigation water increased from 570 million RMB Yuan (US\$ 93.4 million) to 1730 million RMB Yuan (US\$ 283.6 million). During the period, the annual net income per farmer increased from 5040 RMB Yuan (US\$ 826) to 14,100 RMB Yuan (US\$ 2311). The irrigated area has been increased from 12,333 ha in 1998 to 33,530 ha in 2007 and to 60,600 ha in 2012, while annual average income of each staff in JIS has increased from 3300 RMB Yuan (US\$ 540) in 1998 to 35,263 RMB Yuan (US\$ 5780) in 2012.

A training center has been established in JIS and more than 20 training programs have been conducted for extending the innovations and reforms achieved in JIS to other places. The innovations and reforms practiced in JIS have been extended to 10 large irrigation schemes in Shanxi Province and 3 large irrigation schemes in Gansu Province and 2 large irrigation schemes in Henan Province of China. The total extended area with the application of the innovations and reforms from JIS covered an area of 645,000 ha and saved 630 million m<sup>3</sup> of water in 3 years.

Congratulations to Mr. Zhang Xuehui!

### Local Infrastructure for Livelihood Improvement project personnel visit Central Office

A team lead by, Senior Social Development Officer and six other professionals from engineering and socio-economic background working for a Local Infrastructure for Livelihood Improvement (LILI) project with the support from HELVETAS Swiss Inter Cooperation Nepal visited the Water Technology Centre (WTC), New Delhi and ICID Central Office on 20 August 2013. Dr. (Mrs.) Ravinder Kaur, Project Director of WTC welcomed delegates at WTC of IARI, New Delhi. Dr. Kaur briefed the visitors on various activities of Center which followed field visits to the 'Precision Farming Centre' and 'Wastewater treatment' site. Later in the day, Secretary General Avinash C. Tyagi welcomed the delegates at Central Office and briefed them on the ongoing ICID activities. Dr. Vijay K. Labhsetwar, Director introduced the delegates to ICID story right from its inception to the upcoming 1st World Water Forum at Mardin in Turkey. He informed them about the membership and contributions of the Nepal National Committee of ICID (NENCID) to the Commission. Mr. Vinod Kumar Barai, Senior Social Development Officer made a comprehensive presentation on LILI project activities. Discussions later focused on the LILI project and how it is successfully changing the livelihoods of the locals. Dr. Suresh Kulkarni, Executive Secretary invited them to join the First World Irrigation Forum (1st WIF) and also encouraged them to join ICID as Direct Member (DM) in their individual capacity.

### Advanced Water Management for Food Production - Scholarship

UNESCO-IHE offers a Double Master of Science Degree on 'Advanced Water Management for Food Production' to the prospective students. The course will commence in October 2013 at University of Nebraska-Lincoln (UNL) at Nebraska, USA and UNESCO-IHE Institute for Water Education at Delft, The Netherlands. The program consists of a total of 8 UNESCO-IHE modules (duration three weeks each) and 10 UNL semester courses (duration 15 weeks each).

The program targets experienced international students who are interested in learning more about water management for food production. Students who successfully complete this double degree program will be awarded two Master Degrees; one from UNESCO-IHE and another from UNL. UNESCO-IHE is the MSc degree in Water Science and Engineering with

a specialization in Land and Water Development. Further details of the course are available at the websites <http://www.unesco-ihe.org/news/two-fellowships-available-double-degree-programme-advanced-water-management-food-production> and <http://www.unesco-ihe.org/msc-programmes/specialization/advanced-water-management-food-production>

## News from ICID National Committees

### IWF (United Kingdom)

#### Water and the Green Economy

The Irrigation and Water Forum (formerly known as ICID.UK) and University of East Anglia (UEA) will be co-hosting a one-day Conference on 'Water and the Green Economy' on 8 November 2013 at Institution of Civil Engineers, London. The Conference will focus on agricultural aspects of irrigation. However, the interpretation of agriculture, water and the economy will be wide, and include the farm production, water conservation, productivity, the food chain, the private sector and consumer demand and behaviours. The term green economy implies economic growth alongside a decreasing consumption of natural capital – UNEP's working definition considers a green economy to be one which results in improved human well-being and social values equally, which significantly reduces environmental risks and ecological scarcities. Please contact: Mr. Tim Fuller, Secretary, The Irrigation & Water Forum, UK (E-mail: [Tim.Fuller@ice.org.uk](mailto:Tim.Fuller@ice.org.uk)) or click at <http://www.uea.ac.uk/watersecurity> for more information.

### Tanzania (TANCID)

Tanzania National Committee for Irrigation and Drainage (TANCID) has brought out a very informative and innovative 'News Update' in August 2013 which has been circulated widely. Other member countries are encouraged to bring out similar News Update or Newsletter for exchange of information on irrigation and drainage. ICID Central Office has been included a few lines in the Agenda of the African Regional Working Group (AFRWG).

## Forthcoming Events

### ICID Events

**ICID's 1st World Irrigation Forum (WIF) and 64th IEC meeting, 29 September - 05 October 2013, Mardin, Turkey.** Contact: Mrs. Serpil KOYLU, Turkish National Committee, ICID (TUCID), Delvet Mahallesi İnönü Bulvarı No. 16, 06100 Cankaya, Ankara, Turkey, Tel/ Fax :+ 90 312 425 4614, E-mail : [tucid@dsi.gov.tr](mailto:tucid@dsi.gov.tr), [serpil.koylu@dsi.gov.tr](mailto:serpil.koylu@dsi.gov.tr), Website: <http://www.icid2013.org>; [www.worldirrigationforum.org](http://www.worldirrigationforum.org)

**12th International Drainage Workshop (IDW), 23-26 June 2014, St. Petersburg, Russia.** Contact: Ms. Irena G. Bondarik, Secretary General, National Committee of the Russian Federation on Irrigation and Drainage (RuCID), E-mail: [ibond@online.ru](mailto:ibond@online.ru), [rusiptrid@mail.ru](mailto:rusiptrid@mail.ru)

**22nd ICID Congress and 65th IEC, 14-20 September, 2014, at Gwangju Metropolitan City, Republic of Korea.** Contact: Ir. Hun Sun Lee, Korean National Committee on Irrigation and Drainage (KCID), 1031-7 Sadoong, Sangnok-gu, Ansan-Si, Gyeonggi-do 425-170, Republic of Korea. Tel : +82 31 400 1755/1758, +82 31 400 1759, Fax : +82 31 406 7278 , E-mail : [kcidkr@gmail.com](mailto:kcidkr@gmail.com), [kcid@ekr.or.kr](mailto:kcid@ekr.or.kr) , Website: <http://www.icid2014.org>

**66th IEC Meeting, 11-16 October 2015, Montpellier, France.** Contact: Secrétaire Général, Association Française pour l'Etude des Irrigations et du Drainage (AFEID), 361 rue Jean-François Breton, BP 5095, F - 34196 – MONTPELLIER CEDEX 5, France. Tel : +33.4.67.04.63.16, Fax : +33.4.67.16.64.40, E-mail : [afeid@cemagref.fr](mailto:afeid@cemagref.fr), Website: <http://afeid.montpellier.cemagref.fr>

### Other Events

**First International Conference on Global Food Security, 29 September - 2 October 2013 at Noordwijkerhout, The Netherlands.** All information is available at <http://www.globalfoodsecurityconference.com/index.html>

**Six McGill Conference on Global Food Security titled "Strategies against Food Insecurity and Hunger", 8-9 October 2013 at McGill University, Montreal, Canada.** All information is available at <http://www.mcgill.ca/globalfoodsecurity/>

**2013 Budapest Water Summit, 8-11 October 2013 at Hungary.** All information is available at <http://budapestwatersummit.hu/>

**7th International Water Association (IWA) Specialist Conference on Efficient Use and Management of Water – "Water Efficiency Strategies for Difficult Times", 22-25 October 2013, Paris, France.** All information is available at <http://www.iwaefficient.com/2013>

**A USCID Water Management Conference titled 'The Agriculture / Urban Water Interface – Conflicts and Opportunities', 22-25 October 2013 at Denver, Colorado, USA.** All information is available at <http://www.uscid.org/13cocall.html>

**9th IWA International Conference on Water, Reclamation and Reuse (WATEREUSE), 27-31 October 2013 at Windhoek, Namibia, South Africa.** All information is available at <http://www.iwareuse2013.com/>

**International Workshop on Climate Change Impact and Societal Adaptation, 6-8**

## Annual Report 2012-2013: Inviting National Committees to be a part

The ICID Annual Report "Sustainable intensification of agriculture" is a document of ICID that covers the key activities of the, Workbodies, Executive Council Meetings, Regional Conferences, ICID's participation in key International Events and the Central office activities during the year (2012-2013). One key aspect of the Annual Report is expected to be contributions from NCs on their technical activities. Unfortunately, this aspect has been missing. Annual Report of the Commission, prepared and published by the Central Office, is published at the end of the financial year. The e-version of Annual Report is circulated among large number of professionals across the world every year. The printed version of the report has been shipped to all the National Committees, Office-Bearers, and International Organizations. Access the report by visiting ICID at [http://www.icid.org/ar\\_e\\_2012.pdf](http://www.icid.org/ar_e_2012.pdf)

**November 2013 at Central University of Rajasthan, Ajmer, India.** More information is available at [http://www.curaj.ac.in/pdf/workshop/ensc/CURAJ\\_workshop.pdf](http://www.curaj.ac.in/pdf/workshop/ensc/CURAJ_workshop.pdf)

**International Conference on Water Cooperation for Sustainable Development (WCSD), 15-17 November 2013 at Cairo, Egypt.** All information is available at <http://www.nwrc-egypt.org/wcsd/>

**International Water Summit, 20-22 January 2014 at Abu Dhabi, UAE.** All information is available at <http://www.internationalwatersummit.com>

**Fifth International Conference on Water Resources and Hydropower Development in Asia, 11-13 March 2014, Colombo, Sri Lanka.** All information is available at [http://www.hydropower-dams.com/noticeboard.php?c\\_id=186&id=28](http://www.hydropower-dams.com/noticeboard.php?c_id=186&id=28)

**2nd International Conference on Environmental and Economic Impact on Sustainable Development, 14-16 May 2014 at Ancona, Italy.** All information is available at <http://www.wessex.ac.uk/14-conferences/sustainable-irrigation-2014.html>

**4th International Conference on Flood Recovery, Innovation and Response, 18-20 June 2014 at Poznan, Poland.** All information is available at <http://www.wessex.ac.uk/14-conferences/friar-2014.html>

**5th International Conference on Sustainable Irrigation and Drainage : Management, Technologies and Policies, 17-19 June 2014 at Poznan, Poland.** All information is available at <http://www.wessex.ac.uk/14-conferences/sustainable-irrigation-2014.html>

**64th IEC and its Pre-Council Meetings**  
29 September - 05 October 2013, Mardin, Turkey

Day / Date	Meeting	Time (Hours)
<b>Saturday, 28 September 2013</b>	Management Board (MB)* Meeting	17:00 – 18:30
<b>Sunday 29 September 2013</b> <small>Click here for other details of WIF Events <a href="http://www.icid.org/detailed_prg_wif.pdf">http://www.icid.org/detailed_prg_wif.pdf</a></small>	WIF Inauguration	10:00 – 11:30
	Inauguration of the Exhibition and Cocktail	12.30 – 13.00
	1st Round Table - Policy	17:00 – 18:30
	<i>Welcome Dinner</i>	19:00 – 21:00
<b>Monday, 30 September 2013</b>	ICID Staff Committee (SC)* Meeting	10:30 – 11:00
	MT Journal*	15:00 – 15:30
<b>Tuesday 1 October 2013</b>	Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)	09:00 – 12:30
	ICID Journal Editorial Board (EB-JOUR)	09:00 – 12:30
<b>Tuesday 1 October 2013</b>	<b>Opening Plenary Session: International Executive Council (IEC)</b>	<b>17:00 – 18:30</b>
	<i>Dinner hosted by Korean National Committee of ICID (KCID)</i>	<b>19:00 – 21:00</b>
<b>Wednesday 2 October 2013</b>	<b>International Workshop on Management of Water, Crops and Soils Under Climate Change (IW-Climate)</b>	09:00 – 12:30
	Asian Regional Working Group (ASRWG)	09:00 – 12:30
	African Regional Working Group (AFRWG)	09:00 – 12:30
	European Regional Working Group (ERWG)	09:00 – 12:30
	Working Group on Irrigation and Drainage in the States Under Socio-Economic Transformation (WG-IDSST)	09:00 – 12:30
	Working Group on Young Irrigation Professionals Forum (WG-YPF)	09:00 – 12:30
	Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)	09:00 – 12:30
	Working Group on Drainage (WG-DRG)	13:30 – 17:00
	Working Group on Water Saving for Agriculture (WG-WATS)	13:30 – 17:00
	Working Group on On-Farm Irrigation Systems (WG-ON-FARM)	13:30 – 17:00
	Working Group on Water and Crops (WG-CROP)	13:30 – 17:00
	Committee on Congresses/Conferences (C-CONGR)	13:30 – 17:00
	Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)	13:30 – 17:00
	Task Force to Guide ICID Inputs to World Water Forum 7 (TF-WWF7)	15:30 – 17:00
	Meeting of National Committees with Office Bearers	17:00 – 18:30
	<b>International Workshop on Developing Management Strategies for Coping with Drought and Water Scarcity (IW-Drought)</b>	13:30 – 17:00
<b>Thursday 3 October 2013</b>	<b>International Workshop on Water Wisdom and Sustainability (IW-Wisdom)</b>	09:00 – 12:30
	Task Force on Financing Water for Agriculture (TF-FIN)	09:30 – 10:30
	Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)	09:30 – 10:30
	Task Force on Value Engineering (TF-VE)	09:30 – 10:30
	<b>PERMANENT FINANCE COMMITTEE (PFC)</b>	<b>09:00 – 12:30</b>
	Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)	11:00 – 15:00
	Working Group on Global Climate Change and Agricultural Water Management (WG-CLIMATE)	11:00 – 15:00
	Working Group on Sustainable Development of Tidal Areas (WG-SDTA)	11:00 – 15:00
	Committee on Public Relations and Publication (C-PR&P)	11:00 – 15:00
	Working Group on comprehensive Approaches to Flood Management (WG-CAFM)	11:00 – 15:00
	Working Group on Environment (WG-ENV)	11:00 – 15:00
	<b>PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)</b>	<b>13:30 – 17:00</b>
	Meeting of Office Bearers Committee (OBC)*	17:00 – 18:30
<b>Friday 4 October 2013</b>	<b>PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)</b>	<b>09:00 – 17:00</b>
	Farewell Dinner	19:00 – 21:00
<b>Saturday 5 October 2013</b>	<b>INTERNATIONAL EXECUTIVE COUNCIL (IEC)</b>	<b>09:00 – 17:00</b>

*Meetings by Invitation only.	Tea / Coffee Breaks: 10:30- 11:00 & 15:00–15:30	Lunch Break: 12:30 – 13:30
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## FIRST WORLD IRRIGATION FORUM – SIDE EVENTS

Title of the Side Event	Type of Session	Organizing Institute	Venue	Time (Hours)
<b>30 September 2013</b>				
Natural and Cultural Protection in Development of Water Resources [3]	Panel Discussion	State Hydraulic Works of Turkey (DSI)	Erdoba Elegance Hotel	<b>09:00 – 10:30</b>
Mobile Canal Control . A smart phone application for irrigation canal measurements and control [6]	Film and have your say and demonstration	Delft University of Technology	Hilton Hotel	<b>09:00 – 10:30</b>
Future vision of Participatory Irrigation Management [11]	Panel Discussion	Japan National Irrigation and drainage Committee (JNC-ICID)	Hilton Hotel	<b>09:00 – 12:30</b>
Optimisation of Piped Irrigation Networks and Energy Potential in Irrigation Projects [15]	Panel Discussion	SUFEN Project Co. Ltd.	Hilton Hotel	<b>09:00 – 10:30</b>
Structural Chemicals for irrigation Networks [19]	Film Screening/ Presentation	Duayen Firm	Hilton Hotel	<b>11:00 – 12:30</b>
Use of Remote Sensing and GIS Tools in the Irrigation Commands to assist planning and management [2]	Special Session	International Water Management Institute (IWMI)	Hilton Hotel	<b>11:00 – 12:30</b>
The D-8 Irrigation Panel [5]	Panel Discussion	Turkish Water Institute (SUEN)	Erdoba Elegance Hotel	<b>13:30 – 15:00</b>
Policies for sustainable water and food security in arid regions [14]	Panel Discussion	General Directorate of Agricultural Research and Policy	Hilton Hotel	<b>13:30 – 15:00</b>
New Technologies for Irrigation Network: Water Powered Pumps [22]	Panel Discussion, & film, have your say	Waterpower Pumps Co. Ltd.	Hilton Hotel	<b>13:30 – 15:00</b>
Special Session "Uzbekistan" [25]	Special Session	Temelsu International Engineering Inc.	Erdoba Elegance Hotel	<b>13:30 – 15:00</b>
Working together to promote Investment in Agricultural Water Management in Africa (AgWA) [12]	Seminar	Food and Agriculture Organization (FAO)	Erdoba Elegance Hotel	<b>13:30 – 15:00</b>
Turkish Northern Cyprus Pipeline Project: Its importance for irrigation [7]	Panel Discussion	Near Esthern University - Northern Cybrus	Erdoba Elegance Hotel	<b>15:30 – 17:00</b>
Climate Services to optimize irrigation use and improve farmer management in agriculture [9]	Panel Discussion	World Meteorological Organization (WMO)	Hilton Hotel	<b>15:30 – 17:00</b>
DSI Groundwater session [27]	Panel Discussion, & Film Screening	DSI-TUCID	Hilto Hotel	<b>15:30 – 17:00</b>
Documentary about Water Civilization in Mardin [18]	Film Screening	Dursun ÖZDEN (Researcher)	Erdoba Elegance Hotel	<b>15:30 – 17:00</b>
Challenges and opportunities for global food security: inter-generational knowledge transfer in the Agricultural Water Management sector. [10]	Panel Discussion, have your say, & round table	International Fund for Agricultural Development (IFAD)	Hilton Hotel	<b>17:00 – 18:30</b>
Multiple-use water services, a way to sustainability whatever the scale water is managed and served [26]	Panel Discussion	ICID, AFEID,FAO	Hilton Hotel	<b>17:00 – 18:30</b>
<b>1 October 2013</b>				
Building local frameworks for integrated water resource management in the large irrigation systems [1]	Special Session	Research Institute for Humanity and Nature in Japan (RIHN)	Erdoba Elegance Hotel	<b>09:00 – 10:30</b>
Regional Development Project: " GAP " [20]	Panel Discussion	GAP Regional Development Administration	Erdoba Elegance Hotel	<b>11:00 – 12:30</b>
Evaluation of Alternative Financial Models on Modernization of Irrigation Infrastructure [21]	Panel Discussion	Water Management Institute, University of Ankara	Erdoba Elegance Hotel	<b>11:00 – 12:30</b>
Basin Management and Utilisation of Treated Waters for Agriculture [4]	Panel Discussion	DG for Water Management of Turkey	Erdoba Elegance Hotel	<b>11:00 – 12:30</b>
Promoting Sustainable Water Resource Management in the Mesopotamia [17]	Seminar	FAO and Euphrates Tigris Initiative for Cooperation (ETIC)	Erdoba Elegance Hotel	<b>13:30 – 15:30</b>
Monitoring Water Quality for Sustainable Irrigation [13]	Panel Discussion	Director General of Water Management (SYGM)	Erdoba Elegance Hotel	<b>15:30 – 17:00</b>

**1st World Irrigation Forum (WIF) & 64th International Executive Council Meetings**  
**29 September - 05 October 2013, Mardin, Turkey**  
**Event Schedule Tentative (11.09.2013)**

Date/2013	28.09.2013	29.09.2013	30.09.2013	01.10.2013	02.10.2013	03.10.2013	04.10.2013	05.10.2013
Day / Hrs.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
08.00-09.00	Registration	Registration	Registration/Exhibition	Registration/Exhibition	Registration/Exhibition	Registration	Registration	
09.00-10.30		PLENARY SESSION 3 Sub Theme 2. Challenges and Developments in Financing Irrigation and Drainage Sector	PLENARY SESSION 3 Sub Theme 2. Challenges and Developments in Financing Irrigation and Drainage Sector	3rd Parallel Session Sub-Theme 3 Panel Discussion (Farmers)	ASRWG-I ERWG-I WG-YPF-I WG-POVERTY-I	PFC-I TF-FIN TF-VE TF-BIO	PCTA	IEC
10.30-11.00	WIF INAUGURATION (10.00-12.00)	WIF INAUGURATION (10.00-12.00)	1st Parallel Session sub-Theme 1 Side Event(s) / Special Sessions	1st Parallel Session sub-Theme 1 Side Event(s) / Special Sessions WG-HIST-I EB-JOUR-I	Workshop 3. Management of Water, Crops and Soils under Climate Change	Workshop 1. Water Wisdom and Sustainability		
11.00-12.30			<b>SC Meeting*</b>				<b>C O F F E E B R E A K</b>	
			PLENARY SESSION 4 Sub-Theme 3. Integrated Water Management Approaches for Sustainable Food Production	4th Parallel Session Sub-Theme 3 Panel Discussion (Industry)	ASRWG-II ERWG-II WG-YPF-II	PFC-II WG-DROUGHT-I WG-SDTA-I WG-CAFI-I		IEC
12.30-13.30	Registration	EXHIBITION INAUGURATION (12.00-12.30)	1st Parallel Session Sub-Theme 1 Side Event(s) / Special Sessions	1st Parallel Session Sub-Theme 2 Side Event(s) / Special Sessions WG-HIST-II EB-JOUR-II	Workshop 3 (Contd.)	Workshop 1 (Contd.)		
13.30-15.00				<b>L U N C H B R E A K</b>				
		PLENARY SESSION 1	3rd Parallel Session Sub-Theme 1	PLENARY SESSION 5	WG-DRG-I WG-WATS-I	PCSO-I		
		Main Theme: Irrigation and Drainage in a changing world: challenges and opportunities for global food security	2nd Parallel Session Sub-Theme 2	Integrating Session: Strategies for Development and Modernization of Irrigation and Drainage	WG-ON-FARM - I C-CONGR-I	WG-DROUGHT-II WG-SDTA-II WG-CAFI-II	PCTA	IEC
15.00-15.30			Side Event(s) / Special Sessions	Side Event(s) / Special Sessions	Workshop 2. Developing Mng. Strg. for Coping with Drought and Water Scarcity	WG-CAFI-II WG-ENV-II		
15.30-17.00		PLENARY SESSION 2 Sub Theme 1. Policy, Science and Society Interactions	3rd Parallel Session Sub-Theme 2	WIF THEMATIC WRAP UP	WG-DRG-II WG-ON-FARM - II C-CONGR-II	WG-WATS-II WG-CROP-II WG-POW-II		IEC
		ROUND TABLE 1 - MINISTERS' MEETING ON POLICY ISSUES (16.30-18.30)	4th Parallel Session Sub-Theme 1 Side Event(s) / Special Sessions	IEC OPENING PLENARY	Workshop 2 (Contd.) TF-WWF7		PCTA	ICID 2013 CLOSING
17.00-18.30	<b>MB Meeting*</b>		Round Table 2 - Stakeholders (Industry, Research, Youth & Farmers)	Side Event(s) / Special Sessions	<b>NCs + VPs Meeting*</b>	<b>OBC Meeting*</b>		<b>MB Meeting*</b>
19.00-21.00		WELCOME DINNER		<b>K C I D R E C E P T I O N*</b>			<b>F A R E W E L L D I N N E R</b>	

WIF INAUGURATION: Dignitaries + Head of one of UN Organisations  
WIF THEMATIC WRAP-UP: Future of WIF + Conclusions and Recommendations  
Side Events/ Special Sessions: Organised by any of our partners subject to approval by the host Country/ Steering Committee  
Workshop 1, 2, 3 - ICID International Workshops

**Knowledge**  
**Basin**  
**System**  
**On-Farm**

**Themes**

World Irrigation Forum  
IEC and related meetings

\*By Invitation Only

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE**

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