

**MINUTES OF THE 70TH MEETING OF
INTERNATIONAL EXECUTIVE COUNCIL (IEC) OF ICID**
Bali, Indonesia
Opening Plenary (First Session): 04 September 2019, 09:00 – 11:10 hours
Second Session: 07 September 2019, 09:00 – 13:15 hours
Third Session: 07 September 2019, 14:00 – 18:15 hours

The International Executive Council (IEC) is vested with the management of the affairs of the International Commission on Irrigation and Drainage (ICID). The IEC considers all matters of policy which may be initiated or sponsored by any member National Committee or Office Bearer or by the Management Board, and may itself initiate and determine or otherwise advise and lay down any matter of policy. All matters affecting the executive or administrative function and financial liabilities of ICID must come up before the Council and its decision shall be conclusive. The IEC consists of the Office Bearers and representative from each National Committee and meets annually.

Opening Plenary (First Session): 04 September 2019, 09:00-11:00 hours

The 70th meeting of the International Executive Council of ICID was organized in three sessions. The Opening Plenary was aimed at addressing all stakeholders, experts, representatives, partners and observers with the objective to communicate issues of general concern and also presenting ICID annual awards and recognitions. The opening plenary was attended by more than 1471 delegates from 53 countries. They participated in the meetings of various working groups, task teams and committees in the following four days. The main session of IEC, which was conducted in two sessions on 07th September, took all decisions, based on the outcomes and recommendations of the work bodies and permanent committees. The list of participants who attended the main session of 70th IEC meeting is given in **Annex 1, page 19** and includes representatives of 31 National Committees, 10 Office Bearers, 06 past Presidents and 10 past Vice Presidents.

IEC Minutes Item 1: Welcome and opening remarks by the President

1. President Mr. Felix B. Reinders welcomed the members to the 70th IEC meetings. He thanked INACID for making excellent arrangements for the 70th IEC meetings. The Council observed one-minute silence in remembrance of VPH Dr. (Delft) Ir. Soeyono Sosrodarsono from Indonesia and other departed souls from ICID fraternity.
2. In his opening remarks, the President emphasized the opportunity to spotlight where ICID – and various stakeholders of the irrigation and drainage sector as a whole – needs to come together to promote sustainable management of water for agriculture worldwide. The President highlighted the main achievements of the Commission during the last year since the 69th IEC meeting at Saskatoon and impressed upon the heed for a coherent approach towards the mission of ICID among its various stakeholders.

IEC Minutes Item 2: Launch Announcement of Celebrations of 70th Year of ICID Formation by the President

3. President Felix then made the launch announcement of the Celebrations of 70th Year of ICID Formation which was kick started on ICID Foundation Day on 24th June 2019 in New Delhi by organizing a Seminar on ‘Leveraging Water Security for Sustainable Agricultural Water Management’ the celebrations will be concluded with the 24th ICID Congress and 71st IEC Meeting on 28 September 2020 in Sydney, Australia.

IEC Minutes Item 3: Scoping out the issues to be addressed during the workbody meetings: Secretary General, Chair of PCTA and Chair of PCSO

4. Secretary General Ashwin B. Pandya introduced the Agenda for the 70th IEC meeting and provided an overview of the important issues before the Council such as the review of the action plans identified under Road Map to ICID Vision 2030, High Level Advisory Group meeting on “Policies of Agriculture Water Management to End Rural Poverty”, Independent Service Unit related to ICID mission, activities planned for the year-long 70th ICID Celebrations, Knowledge Portal, establishment of Regional Nodes under IRPID Scheme and other important issues that will be covered during the workbody meetings. He requested the chairs and members of various workbodies to use the updated agenda notes with supplementary information uploaded on the website for the meetings of the Council, the Permanent Committees and Workbodies.

5. VPH Dr. Ding Kunlun, Chairman, PCTA acquainted the members with the four thematic groups of Basin, Knowledge, Schemes and On-Farm under which the workbodies under PCTA are organized and the review of these thematic groups by their co-theme leaders, who are Vice Presidents of ICID, during the PCTA meeting and at IEC, where one of the strategy themes will be presented on rotation basis. He emphasized that the establishment of a new workbody should be solely based on the Scoping Documents, clearly outlining its mandate and purpose. Even the extension of an existing workbody after completion of its duration, should be based on the progress achieved on the mandated activities. He stressed the need to stick to the laid down guidelines and procedures for the improved functioning of the WGs. He exhorted the Chairs of workbodies for the efficient management of time allocated for the WB meetings by focusing on the relevant topics for discussions, encouraging virtual meetings of the workbodies in between annual meetings, reaching out to international partners and effective use of ICID News in publishing the articles of international workshops organized by their workbodies. He emphasized the need for the presence of Workbody Chairs, who are ex-officio members of PCTA, to present the reports of their respective WBs during the PCTA meeting in order to help PCTA to make appropriate recommendations to the Council. He emphasized the role of Co-Theme Leaders and WB Chairs in the existing monitoring mechanism for assessing the progress achieved in the activities identified under various strategies which form part of the Action Plan 2018-22 of the Road Map to ICID Vision 2030.

6. VP Dr. Brian T. Wahlin, Chairman, PCSO made a short presentation on the important aspects that various Working Groups required to pay attention such as monitoring the progress achieved under Action Plan 2018-22. He requested the presence of Chairs of RWGs and Committees and WBs, who are ex-officio members of PCSO, for reporting the outcomes of their meetings to PCSO. He informed that the PCSO meeting is open to all and briefed about ICID Knowledge Portal, which is currently in testing phase.

IEC Minutes Item 4: Presentation by the National Committees: Indonesia, Myanmar and Nigeria

7. Dr. Mu Mu Than, the representative of Myanmar National Committee of ICID (MNCID) briefly presented the activities of MNCID, irrigation and drainage facilities in Myanmar with its historical perspective, and how they resulted in increased Agriculture activity in Myanmar. Dr. Than informed the gathering about the three kinds of work being carried out by the Government of Myanmar in irrigation water management - Plot Irrigation System (Gravity Irrigation), Rotational System (Water Scarcity Area) and Establishment of WUG/WUA (Pilot Project). She said the main challenges faced by Myanmar at present are related to climate change, whilst issues of aging infrastructure, sedimentation and institutional framework, along with budget constraint and limited technical knowledge also remain to be addressed. She concluded her presentation with solutions identified for overcoming the problems such as structural measures; operation, maintenance and modernization of irrigation systems; instrumentation of irrigation canals; land consolidation and non-structural development; farmers participatory approach; capacity building; international relations and upgradation of irrigation water management to cope with climate change. The PowerPoint presentation made by Dr. Mu Mu Than is available at http://www.icid.org/ppts2019_mncid.pdf

8. The representative of Indonesian National Committee of ICID (INACID) presented the report bringing out the important aspects regarding the Agriculture Water Management in the country. It is brought out during the presentation that Indonesia faces many challenges in terms of water supply and demand throughout its archipelago as is the case with any other developing country. This is due to unbalanced population growth, increased water stress areas and declined water quality, clustered main food source crops along with the climate change effect, which put pressure on irrigation infrastructure and agricultural development. To cope with such challenges, the Indonesian Government has taken a number of measures, such as formulating policy direction in terms of Food Security, Water, Energy and Environment National Priority; increasing food availability, quality and accessibility; improving the environment quality; increasing water quantity, quality and accessibility; strengthening disaster resilience and fulfilling the needs through increasing New and Renewable Energy. The INACID NC presentation is available at http://www.icid.org/ppts2019_inacid.pdf

9. The NC presentation made by the Nigerian National Committee of ICID (NINCID) representative gave a brief overview about country's location, climate, land mass, elevation, diversity and population size, which stood at 182 million, the largest in Africa and 7th in the world. The presentation showcased the organizational and functional aspects of NINCID and highlighted NC's contribution to various ICID activities since its joining in 1979 as chair/members of ICID workbodies and office-bearer of the Commission. The presentation provided an insight into country's water resources potential and water resources development challenges such as inadequate reliable data, climate change impact, etc. The presentation also provided a detailed description about the irrigation, drainage and flood management scenario prevailing in Nigeria, wherein most of the large and medium scale schemes are public-owned, characterized by large dams and pumping facilities and categorized into Federal Schemes, State Schemes, FADAMA (Fertile alluvial soils with shallow water table) Schemes and Smallholder Schemes. NINCID representative informed that under the National Irrigation Development Program drafted for the period of 2016-2030, Nigeria will develop 0.5 million ha under Federal Schemes and 1.5 million ha under state and private sector, while addressing flood management through dams and dikes and river training and dredging. The presentation brought out the key issues such as modernization plans and transformation challenges, which remain to be addressed. NINCID

representative concluded the presentation, sharing the lessons learnt from the country's experience, which would be quite beneficial to the ICID fraternity in tackling the challenges in irrigation, drainage and flood management sectors. The detailed NC presentation by NINCID is available at http://www.icid.org/ppts2019_nincid.pdf

10. H.E Dr. Shavkat Khamrayev, Chairman, Uzbekistan NC (UzNCID) and the Minister of Water Resources of the Republic of Uzbekistan made a speech, giving an overview of their activities in developing the country's water management system, and how they have achieved concrete positive results in managing and using available water and improving the reclamation conditions of irrigated lands. He highlighted the implementation of wise state policies in the water sector and informed that Uzbekistan has managed not only to maintain its irrigation potential since the years of independence, but also reduced annual water withdrawal from 64 to 52 billion m³ compared to the level of the 1980s. With the holding of the position of the Chairman of the Executive Committee of the International Fund for Saving the Aral Sea (IFAS), he reiterated Uzbekistan's commitment to improve the water management, environmental and socio-economic situation in the Aral Sea Basin and intention to share the transboundary rivers in the Aral Sea basin. He sought the help of ICID to promote a new philosophy "People and the Earth to coexist," utilizing the technologies such as sustainable consumption and smart labor management, with the creation of new culture of water management with an open mind for politicians which would eventually help in overcoming the barriers for water sharing and secure food security by achieving the SDGs. He stressed the need for increased cooperation and closer ties between Uzbekistani Ministry on Irrigation and Agriculture and ICID in the coming years. The text of the speech is given at http://www.icid.org/Speech_UzNCID_Minister.pdf

IEC Minutes Item 5: Presentation of Awards: WatSave, Best Paper, World Heritage Irrigation Structures

IEC Minutes Item 5.1: Presentation of WatSave Awards

11. PH Dr. Saeed Nairizi (Iran), as the Chair of the Panel of Judges for WatSave Award 2019, presented his report and recommended to the Council for bestowing the awards in different categories as follows: **Technology Award** to Mr. Tian Fuqiang (China) for his work "Water and Salt Regulation Scheme Under Mulched Drip Irrigation for Cotton in Arid Regions"; **Innovative Water Management Award** to Mr. James Winter and Mr. Tony Quigley (Australia) for their work on "Trangie-Nevertire Renewal : An Irrigation Infrastructure Modernisation Success Story"; **Young Professional Award** to Mr. Ali Mahdavi Mazdeh; Mr. Mohammad Bijankhan; Mrs. Narges Mehri; Mr. Hadi Ramezani Etedali and Mrs. Fatemeh Tayebi (Iran) for their work on "Applications of Constant Flow Rate Control Valve in Water Saving" and **Farmer Award** to Mr. Karan Jeet Singh Chatha (India) for his work on "Water Conservation by use of Sprinkler & Drip Technologies in Paddy Crop".

12. President Felix and VPH Dr. Ir. M. Basuki Hadimuljono, Minister of Public Works and Housing, Republic of Indonesia handed over the plaques and the prize monies of US\$ 2000 each to the WatSave Award winners. President thanked INACID for the financial support for the WatSave Awards for 2019.

IEC Minutes Item 5.2: Presentation of the Award for the Best Paper in the ICID Journal "Irrigation and Drainage"

13. Out of all the papers published in the ICID Journal "Irrigation and Drainage" during the year 2018, the best paper was announced by PH Prof. Bart Schultz, Chair of EB-JOUR. The Best Paper Award was shared jointly by Fang Wan, Wenlin Yuan, Qingyun Li, and Subing Lü for their work on "Research on Risk and Early Warning System of Inter-Basin Multi-Reservoir Water Transfer-Supply Operation with Consideration of Uncertain Factors", which was published in Volume 67, Issue No.3 of the Irrigation and Drainage 2018.

14. President, ICID handed over the award to the winners.

IEC Minutes Item 5.3: Recognition of World Heritage Irrigation Structures (WHIS)

15. The Chair of the Panel of Judges, VP Dr. Brian T. Wahlin, PCSO Chairman presented to the Council, the report on the historical irrigation and drainage structures identified to be recognized as World Heritage Irrigation Structures (WHIS). Accordingly, the Council accorded its approval to the recognition as "World Heritage Irrigation Structures" to seventeen irrigation structures from: **China (2)**: Hetao Irrigation District, Qianjinbei Irrigation System; **Iran (4)**: Abbas Abad Complex, Baladeh Qanat and Water System, Kurit Dam, Shushtar Historical Hydraulic System; **Italy (3)**: Berra Irrigation Plant, Migliaro Water Diversion Gat, Panperduto Dam; **Japan (4)**: Jukkoku-bori Irrigation System, Minuma-Dai Irrigation System, Kurayasu and Hyakken Rivers Irrigation and Drainage System and Kikuchi Irrigation Systems; **Malaysia (1)**: Wan Mat Saman Canal; Sri Lanka (1): Minneriya Reservoir and the **United States of America (2)**: Alamo Irrigation System, Theodore Roosevelt Dam. The irrigation structures recognized as WHIS will be included in the ICID Register of WHIS.

16. The President, ICID handed over the “Plaque and a Certificate” to this effect to the owner agencies of these structures.

Second Session: 07 September 2019, 09:00 – 13:15 hours

IEC Minutes Item 6: Action Taken Report on the decisions of 69th IEC and the decisions taken by the Management Board (MB)

17. Secretary General informed that actions on all the decisions by the 69th IEC had been initiated/ completed during the year. The Council endorsed the decisions taken by the Management Board on behalf of IEC in accordance with Article 8.1 of the ICID Constitution and Clause 3.9.2 of ICID By-laws, as listed in **Annex 2, page 21**.

IEC Minutes Item 7: Report by the Secretary General

18. Secretary General presented the Annual Report 2018-19, and also presented the physical and financial progress on activities undertaken during the period from April 2019 till date.

IEC Minutes Item 8: Presentation on Strategy Theme “Basin”

19. VP Dr. Naoki Hayashida (Japan), Co-Theme Leader, Strategy Theme “Basin” began his presentation recalling the warm hospitality of Indonesian hosts extended during the 49th IEC meeting at Bali, Indonesia in 1998, which was his first ICID meeting.

20. He then gave a brief overview of how the technical activities of ICID are organized among the four Strategy Themes of On-Farm, Schemes, Basin and Knowledge under the Permanent Committee for Technical Activities (PCTA). The Strategy Theme “Basin”, to which he is one of the Co-Theme Leaders, deals with all the basin level environment aspects that impact agriculture water management such as Climate, Floods, Droughts, Sea-water etc. Currently, there are seven WBs, including one Task Team under the ST-Basin – WG-AFM, WG-CLIMATE, WG-ENV, WG-IDSST, WG-MWSCD, WG-SDTA and TT-TWM-AWM.

21. VP Hayashida then presented his assigned task of analyzing the activities undertaken by the WBs under ST-Basin with regard to their respective mandates and outcomes achieved so far and recommendations to improve their functioning.

22. WG-AFM, established in 2018 with the closure of WG-CAFM, may regularly update the Action Plan under Road Map to ICID Vision 2030 based on its new mandate and deliberate upon appropriate flood warning and emergency action plan to reduce human casualties by floods. WG-CLIMATE, in keeping with its mandated activities, should widen the range of collaboration and try to develop some protocols to communicate with international and national societies or organizations and encourage the participation of young professionals in its activities. WG-ENV should carry out the study of “Positive Ecosystem Services from Irrigation and Drainage Systems”, collect previous studies on multi-functionalities/ecosystem services in order to enhance ecosystem services of irrigation/drainage system and identify possible measures to persuade policy makers and general public, in keeping with its mandated activities. WG-IDSST has active deliberations; however, with its membership is mainly from the countries drawn from a specific region, the active participation of members from other countries needs to be encouraged in the WG activities. It should implement IWRM, broad-base the stakeholders, monitor the ecological situation in the transition states and collect and disseminate appropriate advanced technology. WG-MWSCD, established in 2016 as a replacement to WG-DROUGHT, is not dealing with the topic ‘droughts’, but rather resolving conflicts due to permanent water scarcity. Therefore, the WG should have lively presentations and discussions during its planned workshop in Sydney in 2020, with active participation from countries such as India, China and Pakistan, where the problems of conflicting demands of water are severe. The stakeholders of WG-SDTA should strengthen the communications regarding knowledge and concepts, which should include both development and conservation. The WG may promote the complete management of irrigation, drainage, flood and underground water by combining the newest technologies of ICT, IOT and CPS. TT-TWM-AWM, established in 2018, is yet to hold a formal meeting, and may discuss its mandate and action plan.

23. Based on his analytical report, VP Hayashida made the following observations and recommendations for improving the functioning of the WBs under ST-Basin:

- (a) WGs are generally functioning quite well and productively, with the activities managed well and advanced according to the decisions of each of the WGs.

- (b) Overall, the attendance of members is good, but in some cases, it is limited, as the poor attendance and lack of contribution by the members will lead to reduced productivity and output.
- (c) Since most of the subjects covered under the theme Basin are largely correlated to other activities of ICID and other organizations, there is a need for collaboration with relevant specialized international organizations working in these fields.
- (d) WGs should promote the exchange of knowledge that takes place within the WG workshops with other agriculture water management professionals by publishing the summary and outcomes in ICID News.
- (e) WGs should clearly identify their outputs in a work plan which may include technical reports, position papers, special issues of Journal of Irrigation and Drainage, seminars (internal/international) etc., in accordance with the Action Plan on the Road Map to ICID Vision 2030.
- (f) WGs' productivity and necessity should be evaluated carefully, and when mandates and objectives are completed, a final report should be brought out. A final workshop is also recommended even through video conference.
- (g) More information and products should be sent to the Central Office so that they should be timely posted on the websites and updated.
- (h) More WebEx meetings should be considered, at least once in a year.
- (i) Efforts to attract young professionals should be continued and increased.
- (j) All WG chairs and theme leaders should be more conscious about the purpose and the set procedures initially.

24. He concluded his presentation, mentioning that most of the WGs under the ST-Basin are relatively young, considering their years of establishment and should, therefore, continue their activities in line with their mandates, for the time being. However, it is recommended that some WGs should actively collaborate with other WGs, which cover relevant themes. The text of the report is given at **Annex 3, page 23** and the presentation is available at http://www.icid.org/ST-B_ppts2019_hayashida.pdf

IEC Minutes Item 9: International Research Program for Irrigation and Drainage (IRPID) Scheme

25. VPH Dr. Ding Kunlun, Chair of AC-IRPID, gave a brief introduction about the objectives of IRPID Scheme, including its organizational structure, responsibilities and functions. He also provided a brief on the two existing RNs hosted by NCs of China and Iran.

26. He informed the Council that NCs are interested in establishing RNs in various regions, which is a good development since the notification of the revised IRPID Scheme (http://www.icid.org/irpid_scheme.pdf), vide Notification No.6 of 2017 dated 23 February 2017 among ICID National Committees. He apprised the Council about the progress achieved in establishing the RNs, viz. Mediterranean Region by Italian NC, Africa region by Egyptian NC and Central Asian and Caucasus Regions by Tajikistan NC, which were approved by the Council at its 69th meeting at Saskatoon last year. Tajikistan NC is in the process of setting up an IRPID RN in Central Asian and Caucasus Region (CAC-RN) under the framework of existing IRPID Scheme and has approached the countries identified to be partners of CAC-RN. Italian NC is continuing its efforts to establish the Mediterranean RN, while Morocco will henceforth coordinate the setting up of RN in Africa.

27. The Council appealed to the NCs and RNs to populate the Irrigation Research (IrriSEARCH) database template available at <http://www.icid.org/addressresearchdata.php>, which aims to bring together all Agriculture Water Management (AWM) research activities from various NCs on a single platform to help others to learn from their experiences. It noted that IrriSEARCH would continue to act as a window to exchange and showcase ongoing research activities in the irrigation and drainage sector worldwide for various research stakeholders in AWM research and eventually establish ICID as a repository of knowledge in irrigation and drainage sector.

IEC Minutes Item 10: Reports by the Chairs of Permanent Committees

IEC Minutes Item 10.1: Permanent Finance Committee (PFC)

28. VPH Laurie Tollefson, Chairman, PFC presented his report on the 40th meeting of the PFC held on 05 September as given at **Appendix I, page 35**. PFC Chair informed the Council that VP Dr. Marco Arcieri was elected as the Vice Chair of the Committee and would eventually take over as Chair of PFC at the conclusion of the 71st IEC meeting in Sydney, Australia in 2020, to facilitate a smooth transition.

29. The Chair, PFC informed that one of the applicants for Direct Membership, Islamic Development Bank (IsDB) had expressed their desire to be a life member under the Category – Institution, which is currently admissible for a period of up to three years only as per the prevailing membership subscription structure. The Council deliberated on the issue and approved the recommendation of PFC that a Task Force be set up to look into the matter of granting Institutional Life Membership, including revisiting the fee structure. The TF, which will report to PFC, will be chaired by VP Dr. Marco Arcieri, with other members being nominated in consultation with President.

30. As recommended by the Committee, the Council decided to continue with the present share of contribution from ICID events, i.e. 35% share of registration fees for the Congress and Forums, 15% share of registration fees for the IEC meeting and 5% share in case of a separate Regional Conference, Micro irrigation symposium, and International Drainage Workshop where ICID logo or banner is used, as stipulated in ICID By-law 7.4, and fixing the registration fee for ICID events in US Dollars.

31. The Council has granted 'in principle' approval to the establishment of a Service Unit (SU) in ICID along with proposed staff, as recommended by the Committee. Towards this purpose, a Service Advisory Group will be established to guide and monitor the development of rules and regulations and further action in setting up SU in ICID.

32. The Council has taken note of the report on the status of addition to the Central Office building which expects to obtain all statutory requirements by 31 December 2019, and, as per preliminary planning, the total estimated cost will be about ₹ 140 million, out of which 70% will be required in the FY 2020-21 and remaining 30% in FY 2021-22.

IEC Minutes Item 10.2: Permanent Committee on Strategy and Organization (PCSO)

33. VP Dr. Brian T. Wahlin, Chairman, PCSO presented his report on the 30th meeting of PCSO held on 05 September 2019 as given at **Appendix II, page 41**.

34. The Council concurred with the Committee's recommendation for the need to have more ICID members from Latin American and African continents and Central Asian regions and requested that efforts be continued in this direction. The Council was told that providing ICID services in Spanish might as well act as a fillip towards ICID membership drive in Latin American countries.

35. The Council acknowledged that the proposed SU should not become a commercial activity, but remain visible while helping the ICID to become financially stable, as recommended by the Committee. The Council noted with satisfaction the progress achieved in revamping the ICID Website and releasing the Knowledge Management Portal.

36. The Council endorsed the Committee's recommendation that the African NCs should establish Young Professional Forums at National Level, and the Young Professionals' Training Programs should include diverse participants from more African countries, especially from the African NCs. The Council desired that the lessons learnt from WIF3 may be used for the successful organization of the future ICID events, and Young Professionals be encouraged to be included in the National Organizing Committee of future ICID events.

IEC Minutes Item 10.3: Permanent Committee for Technical Activities (PCTA)

37. VPH Dr. Ding Kunlun, Chairman, PCTA presented his report on the 39th meeting of PCTA held on 06 September as given at **Appendix III, page 45**.

38. The Council was apprised about the activities of the existing Regional Nodes of IRPID in China and Iran, and progress in establishing the additional Regional Nodes in North Africa, Mediterranean and Central Asia & Caucasian Regions.

39. The Council endorsed the view of PCTA that the Vision 2030 activities need not remain confined to the deliberations inside the WGs, but needs to grow outside WGs by involving the other agencies and organizations, which will help in promoting and keeping the vision 2030 in focus in larger communities and groups.

40. Based on the PCTA report, the Council pointed out that the recommendations made by VP Naoki Hayashida, Co-Theme Leader, Strategy Theme – Basin be put into practice for further improving the functioning of ICID workbodies.

41. The Council placed on record its appreciation for the host NC for the successful organization of WIF3, which was attended by 1417 delegates from 53 countries, 6 ministers and 31 exhibitors, surpassing any previous event of ICID in terms of attendance.

IEC Minutes Item 10.4: Discussions and Decisions on the Recommendations of the Permanent Committees

42. The Council deliberated on the reports and recommendations of PFC, PCSO and PCTA together in totality and took decisions through resolutions taking note of the report of the Secretary General under Agenda Item 7.

43. The Council adopted the resolutions on the Financial Matters of ICID presented through PFC Report and on the Organizational and Technical Matters of ICID presented through the Reports of PCSO and PCTA, that are placed at **Resolution IEC-1/70 and Resolution IEC-2/70 (pages 11 and 12), respectively**. The Council approved the Audited Accounts of ICID for the Financial Year 2018-19 as given in **Annex R1.1, page 13**, and the revised Budget for FY 2019-20, and the proposed Budget for FY 2020-21 as given in **Annex R1.2, page 18**.

44. The Council endorsed the PCTA recommendation that the number of entries per National Committee/Committee under WHIS Scheme be limited to four (4) so as to make the WHIS Scheme sustainable with high quality and prospective applications competitive. The revised WHIS Scheme in keeping with the Council's decision is available at http://www.icid.org/Revised_WHIS_Scheme.pdf

45. On recommendation of PCTA, the Council approved the establishment of Working Group on Value Engineering (WG-VE).

46. The Council approved the membership changes of various workbodies under PCSO and PCTA, and consequently, the updated and consolidated membership of all workbodies is given at **Annex 4, page 27**.

Third Session: 07 September 2019, 14:00 – 18:15 hours

IEC Minutes Item 11: A Road Map to ICID Vision 2030: Activities under ICID Action Plan 2018-2022

47. The Council monitored the progress of activities identified by the WGs, RWGs, NCs and Central Office to implement the strategies to achieve the organizational goals as targeted in the Action Plan appended to the 'Road Map to ICID Vision 2030' for the period 2018-2022, as the Vision Document is designed to be a living and dynamic and rolling in nature and required to be reviewed triennially. The Council is satisfied with the progress achieved so far and endorsed the PCTA recommendation that Vision 2030 activities should not remain confined to the deliberations inside the WGs, but need to grow outside WGs by involving the other agencies and organizations, which will help in promoting and keeping the vision 2030 in focus in larger communities and groups.

48. The Council also endorsed the view of Strategy Theme Leaders that number of parallel sessions may be reduced to the extent possible to allow the members to engage with multiple subjects in different WGs and to facilitate this, the WGs are encouraged to meet virtually for transacting the maximum amount of internal and administrative works.

IEC Minutes Item 12: Task Force to Guide the Partnership Process (TF-GPP)

49. Second Meeting of High-Level Advisory Group (HLAG) on 'Partnerships for Agriculture Water Management' was held on 02 September 2019 at Bali. VPH Dr. Ir. M. Basuki Hadimuljono, Minister of Public Works and Housing, Republic of Indonesia welcomed the dignitaries to the HLAG meeting and President Felix Reinders, Chairman, TF-GPP in his opening remarks set the tone for the meeting. Secretary General Er. Ashwin B. Pandya provided the background information on the HLAG meeting, followed by the presentations from four international partners of ICID, namely, ADB, FAO, IsDB and the World Bank. The ministers/senior officials from Indonesia, Afghanistan, China, Egypt, India, Iraq, Korea, Malaysia, Nepal, Philippines, Portugal, Sri Lanka, Ukraine, Uzbekistan and Vietnam made their remarks on the focused theme "Policies of Agriculture Water Management to End Rural Poverty' during the HLAG meeting.

50. The Council was informed that the TF-GPP, which is established to support HLAG mandate of developing partnerships further on AWM met on 01 September 2019 at Bali. TF-GPP Chair in his report to the Council informed that the issues considered at the HLAG meeting were (i) Financing mechanisms needed for policy translation into action; (ii) Facilitation of technology at field level on a large scale; (iii) Public-Private-People (PPP) partnerships to achieve larger objectives of global food and nutritional security; and (iv) Ministerial deliberations to carve path for policy formulation for sustainable water management through (a) adoption of newer technologies, (b) business investment models and (c) capacity development at various levels of the supply chain.

51. The Council endorsed the report of TF-Chair.

IEC Minutes Item 13: Independent Service Unit (ISU) related to ICID Mission

52. The Council thanked the Special Task Force on Independent Service Unit (STF-ISU) for the detailed report on ISU, which was prepared after extensive consultations among various stakeholders of ICID through questionnaires, virtual platforms, face-to-face meetings, etc. The Council was told that the report had been discussed in great detail during the meetings of PFC, PCSO and PCTA.

53. The Council has taken cognizance of PFC recommendation that the ISU shall be set up in a phased manner as proposed in the report of STF-ISU – (i) Phase I to start ISU as a Service Unit (SU) of ICID, providing service to the stakeholders for generating incidental income to the extent of 20% of total receipt of ICID, and (ii) Phase II to incorporate ISU as a separate legal entity under Indian Companies Act, once SU reaches the turnover to the extent of 20% of ICID receipts in a year.

54. The Council endorsed the recommendations of PFC and granted 'in-principle' approval to the establishment of SU within ICID, with the following riders:

- (a) To develop rules of operation and other details including operating procedure
- (b) SU to start operation only when rules and regulations are in place
- (c) To establish Service Advisory Group as proposed in the proposal to guide and monitor development of rules and regulations and further action in the matter

IEC Minutes Item 14: Status of Future ICID Conferences / Congresses / Forums

55. The Council noted that it has so far approved the venues of the following future major ICID events:

- (i) 5th African Regional Conference on Irrigation and Drainage, Marrakech, Morocco, 16-19 March 2020
- (ii) 71st IEC and 24th Congress, Sydney, Australia, 22-28 September 2020

56. The Council was informed that the representatives of Moroccan National Committee on Irrigation and Drainage (ANAFIDE) and Irrigation Australia's Committee on Irrigation and Drainage (IACID) had apprised the progress about the preparations for the above events – financial aspects at PFC and organizational and technical aspects at C-CONG and PCSO.

57. Pr El Houssine BARTALI Vice President, ANAFIDE, presented a detailed proposal to host the 72nd International Executive Council (IEC) and 10th International Micro Irrigation Conference (IMIC) at Agadir, Morocco from 26 September to 02 October 2021. Based on his presentation, the Council approved ANAFIDE's proposal to host the 72nd IEC and 10th IMIC at Agadir, Morocco in 2021 and requested the NC to submit a revised proposal in this respect.

58. Ms. Li Ruoxi, Secretary, Chinese National Committee of ICID (CNCID) presented a detailed proposal to host the 73rd IEC and 4th World Irrigation Forum (WIF4) in Beijing, China in 2022 and based on her presentation, the Council approved CNCID proposal to host the 73rd IEC and WIF4 in Beijing, China in September 2022.

59. The Council also noted that ICID Central Office had invited proposals from NCs for hosting the following future ICID events and no proposal had been received till the IEC meeting:

- (i) 27th European Regional Conference (2021 onwards)
- (ii) 14th International Drainage Workshop (2022 onwards)
- (iii) 74th International Executive Council and 25th Congress (2023)

60. The Council asked the Central Office to invite the proposals for the above events and requested NCs to come forward to host these future events.

IEC Minutes Item 15: Celebrating 70th Year of ICID's Formation – To plan out the activities

61. The Council recalled that it had agreed last year at Saskatoon to the proposal to celebrate the 70th year of foundation of ICID beginning from 24th June 2019 and concluding with the 24th ICID Congress in Sydney in September 2020.

62. Secretary General Ashwin B. Pandya informed that as per the decision of the Council, the Celebration kick started with a seminar on 'Leveraging Water Security for Sustainable Agricultural Water Management' on 24 June 2019 during ICID Foundation Day Celebrations at New Delhi. Other activities which has marked the celebrations included (i) introducing integrated approach of Knowledge Management within ICID, in view of the adoption of the 'Road Map for ICID Vision 2030', (ii) launching of #ICID70 on ICID social media platforms, (iii) launching of the new

ICID website with new user-friendly features, structured contents, mobile compatibility, etc.; (iv) launching of the Beta version of the Knowledge Portal with the recently collected resources for wider sharing and dissemination (Abstracts included: 22nd ICID Congress, 23rd ICID Congress, and WIF3); (v) distributing new ICID Coat pins to members and participants and (vi) launching of new ICID Gifts and Merchandise (Ties, Stoles for ladies, Tie pin, Name plates) and collectibles.

63. The Council was informed that other activities planned to commemorate the occasion are: (i) to bring out Coffee Table Book, with visually appealing records of achievements in irrigation and drainage set in ICID member countries with highlights of the operations of each of National Committee, historical background of establishment of ICID and its early years, (ii) to bring out the second edition of the Water Saving in Agriculture by including the recent WatSave Award winning contributions; (iii) to bring out pamphlets and leaflets and (iv) to release a video film in cooperation with NCs and partner organizations highlighting the importance of ICID and its role in poverty alleviation and rural development. SG informed the Council that the occasion will be the most appropriate to recognize the contributions of NCs, Institutional and Company Direct Members and Partner Organizations with the presentation of Citations Plaques to acknowledge their contributions to ICID's growth and fulfilling its mandate.

64. The Council appealed to the National Committees, Office Bearers, Workbody Chairs & Members and partner organizations & stakeholders to contribute to the Coffee Table Book, Special Publications and Video Film with the required inputs from their side.

65. The Council exhorted the NCs and Direct Members to organize special events and functions to commemorate the 70th Year of ICID formation which will eventually create and spread awareness about ICID and its vision, mission and goals among global community. The suggested activities also include organizing essay and drawing competitions related to irrigation and drainage topics and YPs have been requested to actively participate in the celebrations.

IEC Minutes Item 16: Election of the Office-Bearers 2019-2022

66. The Council was informed that, as per the provisions of Articles 7.2.3 and 7.2.4 of the ICID Constitution, the 3-year term of Office (2016-2019) of Vice Presidents Dr. (Mrs.) Irene G. Bondarik (Russia); Mr. Waseem Nazir (Pakistan) and Eng. Madhav Belbase (Nepal) would conclude at the end of the 70th IEC and its adjunct study tours.

67. The Council noted that in response to the Central Office's circulars inviting nominations from NCs for the positions of Vice President for the term 2019-2022, two nominations were received in the Central Office – Prof. Dr. Hesham Mostafa Mohamed Ali (Egypt) and Dr. Mochammad Amron (Indonesia) -- by the due date of 07 May 2019.

68. The Council was told that the nomination of H.E. Dr. Shavkat Rakhimovich Khamraev was considered under By-law 2.5 – Nomination by President, wherein the nomination can be received up to one month prior to the IEC meeting.

69. Based on the voting undertaken in accordance with ICID By-laws 2.8 to decide the seniority of the Vice Presidents, the Council elected Dr. Mochammad Amron (Indonesia), Dr. Hesham Mostafa Mohamed Ali (Egypt) and H.E. Dr. Shavkat Rakhimovich Khamraev as Vice Presidents of ICID, for a three-year term 2019-2022, in that order of seniority. As per article 7.2.4 of ICID Constitution, the term of VPs elected at the 70th IEC meeting shall begin at the conclusion of the present Council meeting and its appurtenant study tours and end by the conclusion of the Council meeting and its appurtenant study tours in the year 2022.

70. President Felix congratulated the newly elected Vice Presidents and expressed his happiness at the outcome of the election.

IEC Minutes Item 17: Presentation of ICID Plaques to Retiring Vice Presidents and Chairs of Workbodies

IEC Minutes Item 17.1: Retiring Vice Presidents

71. Citation plaques were presented to the three retiring Vice Presidents for their guidance and services rendered to the ICID activities during their tenure of Office.

(a)	Dr. (Mrs.) Irene G. Bondarik	(Russia)	Vice President	2016-2019
(b)	Mr. Waseem Nazir	(Pakistan)	Vice President	2016-2019
(c)	Eng. Madhav Belbase	(Nepal)	Vice President	2016-2019

IEC Minutes Item 17.2: Retiring Chairs of Workbodies

72. Dr. Fuqiang Tian (China), Chairman, Working Group on Water for Bio-fuel and Food (WG-BIO-FUEL, 2015-2018) was honoured with the presentation of citation plaque for his commendable guidance to the activities of the WG-BIO-FUEL.

IEC Minutes Item 18: Any other business by the permission of the Chair

73. The President declared the 70th IEC meeting closed.



DR-1/70 [IEC Item 9.4, Para 42]

**INTERNATIONAL EXECUTIVE COUNCIL (IEC)
RESOLUTION IEC-1/70: FINANCIAL MATTERS OF ICID**

THE Council**Accepting** the Report of the Chair of the Permanent Finance Committee;**Noting further** the report of the Statutory Auditors M/s. P.K. Chopra and Company; and**Considering** the recommendation of the Management Board;**Decides Unanimously**

1. To approve the election of VP Dr. Marco Arcieri (Italy) as the Vice Chair of PFC, who will take over as Chair of PFC at the conclusion of the 71st IEC Meeting in 2020 and the nominations of Mr. Delbert M. Smith, P.E. (USA) and Mr. Gao Lihui (China) as members of PFC.
2. That the individuals and companies listed below, accorded the provisional membership by the Direct Membership Administering Sub-Committee be admitted as members of ICID for the periods for which they have paid subscription.
 - (a) Maharashtra Water Resources Regulatory Authority (MWRRA), India – Institution (3 years)
 - (b) Ningbo Yaofeng Hydraulic Electrics Co. Ltd, China - Company (3 years)
 - (c) Agricultural Growth of Rural India (AGRI), India - Institution (1 year)
 - (d) Prof. (Dr.) Mitthan Lal Kansal , India - Individual (Life Membership)
 - (e) Dr. Ajay Pradhan, India - Individual (Life Membership)
 - (f) Islamic Development Bank (IsDB) – Institution (3 years) – Provisionally, subject to payment of membership fees, and can be later upgraded to Life Membership, as and when such provisions are in place.
3. That the National Committees of **Chad, Ethiopia and Niger** be declared as “Associate Members” with effect from 1 January 2020 as they have failed to contribute ICID subscription for last three years in accordance with By-law 13.2.
4. To approve the Audited Accounts of ICID for the Financial Year 2018-19 as given in **Annex R1.1, page 13**.
5. To approve the Revised Budget of ICID for the Financial Year 2019-20 and the Budget for the Financial Year 2020-21 as given in **Annex R2.1, page 18**.
6. To approve the following in respect of establishment of Service Unit (SU) in ICID:
 - (a) To establish a Service Unit within ICID along with proposed staff;
 - (b) To develop rules of operation and other details including operating procedures;
 - (c) To start operation of SU only when rules and regulations are in place; and
 - (d) To establish a Service Advisory Group (SAG) to guide and monitor the development of rules and regulations and further action in the matter. The composition of SAG shall be decided in consultation with MB.
7. To continue with the present share of contribution from ICID events as indicated below and stipulated in ICID By-law 7.4, and fixing of registration fee for ICID events in US Dollars.
 - (a) 35 percent for IEC with World Irrigation Forum and Congress
 - (b) 15 percent in case of ordinary IEC with or without regional conference
 - (c) 5 percent in case of stand-alone Regional Conferences, International Workshops, Symposiums etc.
8. To approve setting up of a Task Force to look into the matter of granting Institutional Life Membership for institutions under Direct Membership, including revisiting the fee structure, with VP Dr. Marco Arceiri, Vice Chair, PFC as its Chair, with other members of TF being nominated in consultation with President. TF shall report to PFC.

Appreciates

9. The NCs of Mexico and Canada for contributing the appropriate share of registration fee for 68th IEC and 23rd Congress and 69th IEC, respectively to the ICID Budget.
10. Korean National Committee (KCID) and Korean Rural Community (KRC) Corporation for financial support for organizing International Young Professional Training Programme (YP-TP) and International Workshop at Seoul, Korea in April 2019.
11. Chinese National Committee (CNCID) for financial support for organizing International Young Professional Training Programme and International Workshop at Seoul, Korea in April 2019
12. Japan National Committee (JNC-ICID) for contributing an amount of ₹ 0.34 million (US\$ 5,000) during the financial year 2018-2019 as a Special Subscription for technical support for YP Activities.
13. Food and Agriculture Organisation (FAO) for providing a sum of US\$ 25,250 as a Special Subscription from for organizing a study tour on Solar Powered Irrigation Systems for FAO delegation to India.



DR-2/70 [IEC Item 9.4, Para 42]

**INTERNATIONAL EXECUTIVE COUNCIL (IEC)
RESOLUTION IEC-2/70: ORGANISATIONAL AND TECHNICAL MATTERS OF ICID**

THE Council

Accepting the reports and recommendations of the Chairs of the Permanent Committees on Strategy & Organization and Technical Activities;

Considering the endorsement by the Management Board; and

Decides unanimously

1. To approve the Action Plan 2018-22 including activities identified by RWGs and WGs under PCSO and PCTA committed to be achieved over a period of five years.
2. To approve the limiting of entries under WHIS Scheme up to four (4) from a National Committee/Committee with immediate effect.
3. To approve the establishment of Working Group on Value Engineering (WG-VE) under Strategy Theme-Knowledge.
4. To approve the extension of WG-SDRG for one year up to 2020 and a Scoping Document be developed for the new WG.
5. To approve 72nd IEC and 10th IMIC Meeting at Agadir, Morocco from 26 September to 02 October 2021 and 73rd IEC Meeting and WIF4 in Beijing, China in 2022.

Appreciates

6. Indonesian NC for the successful organization of 3rd World Irrigation Forum, a benchmark in the history of ICID events in terms of attendance.

Requests

7. To continue the efforts to bring the countries in Latin American and African continents and Central Asian region to ICID fold.
8. To provide Spanish translation to speed up ICID membership-drive in Latin American countries.



INDEPENDENT AUDITOR'S REPORT**P.K.Chopra & Co.
Chartered Accountants (Registered)**

To

The Members of the International Executive Council
International Commission on Irrigation and Drainage (ICID-CIID)
New Delhi

Report on Financial Statements

We have audited the accompanying financial statements of **International Commission on Irrigation and Drainage (ICID-CIID)** ("the society"- PAN AAAAI1084P), which comprise the Balance Sheet as at 31st March 2019, Income & Expenditure, Receipt and Payment for the year then ended and other explanatory information.

Management Responsibility for the Financial Statements

Management is responsible for the preparation of these financial statements that give a true and fair view of the financial position, financial performance and receipt and payments, of the society in accordance with accounting principles generally accepted in India for Not-for-Profit Organizations.

This responsibility includes the design, implementation and maintenance of internal control relevant to the preparation and presentation of the financial statements that give a true and fair view and are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with the Standards on Auditing issued by the Institute of Chartered Accountants of India. Those Standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgement including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Society's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of the accounting estimates made by the management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

Further we report that, in our opinion and to the best of our information and according to the explanations given to us, the financial statements give the information required by the Act in the manner so required and give a true and fair view in conformity with the accounting principles generally accepted in India.

- (a) In the case of Balance Sheet, of the state of affairs of the Society as at March 31, 2019; and
- (b) In the case of Income and Expenditure Account, of the excess of Expenditure over income for the year ended on that date; and
- (c) And in case of the Receipts and Payments Account, of the Receipts and Payments for the year ended on that date.
- (d) In the case of Income and Expenditure Account, of the excess of Expenditure over income for the year ended on that date; and

Further we report that

- (a) We have sought and obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purpose of our audit.
- (b) In our opinion proper books of accounts as required by law have been kept by the ICID, so far as appears from our examination of those books.
- (c) The Balance Sheet, Income and Expenditure Account, and Receipt and Payment account dealt with by this report are in agreement with the books of account.
- (d) In our opinion, the Balance Sheet, Income and Expenditure account, comply with the relevant Accounting Standards.

Place: New Delhi
Date: 17th May 2019

For **P.K. Chopra & Co.**
Chartered Accountants
Firm Registration No. 006747N

Sd/-
Arvind Mongia
Partner
Membership No. 085176

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
BALANCE SHEET AS ON 31ST MARCH 2019**

PARTICULARS		2018-19 Amount INR	2017-18 Amount INR
Assets			
Property & Equipment	1	9,829,590	11,016,757
Receivables	2	24,699,765	13,856,911
Bank Balances & Cash in Hand	3	84,149,599	75,930,397
Subscription Accrued		—	3,422,773
Total Assets		118,678,954	104,226,838
Liabilities			
Gulhati Memorial Lecture Fund	4	358,255	256,327
General Fund	5	57,043,515	47,781,706
Gratuity Fund	6	9,060,800	7,874,160
Leave Encashment Fund	7	7,103,806	6,258,806
Corpus Fund-WID Prizes	8	2,835,550	2,607,098
Exchange Fluctuation Reserve Fund		724,446	—
Security from Tenant	9	24,632,200	24,632,200
Unrealized Subscription	10	12,181,160	2,373,520
Sundry Creditor, Payables & Provisions	11	4,069,442	10,929,975
Duties & Taxes Payable	12	669,779	1,513,046
Total Liabilities		118,678,954	104,226,838

Significant Accounting Policies and Notes to Accounts forming part of Accounts-Annexure 45

As per our separate Report of even date
attached

For and on behalf of
International Commission on Irrigation and Drainage

For **P.K. Chopra & Co.**
Chartered Accountants
Firm Registration No. 006747N

Sd/-
Arvind Mongia
Partner
Membership No. 085176

Sd/
Balasaheb Anantrao Chivate
Director (Technical)

Sd/-
Ashwin Kumar Balwantray Pandya
Secretary General

Place: New Delhi
Dated: 17th May 2019

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR FROM 1ST APRIL 2018 TO 31ST MARCH 2019**

PARTICULARS		2018-19 Amount INR	2017-18 Amount INR
Income			
Membership & Subscriptions	13	19,490,246	16,673,089
Sale of Publication	14	13,418	1,063,971
Special Contribution to the Budget	15	6,178,416	62,700
Interest on Fixed Deposits	16	4,870,889	4,607,794
Other Incomes	17	1,041,088	23,918
Rent and Provision of Services on Let Out Property		49,263,828	49,263,828
Special Subscriptions		343,700	—
Total		81,201,585	71,695,300
Expenditure			
Opening Stock of Publications		—	251,130
Compensation for Secretary General	18	4,035,597	3,938,238
Salaries & Allowances	19	22,773,901	28,538,103
Superannuation Relief to Retd. Employees		4,416,948	3,397,226
Service & Maintenance	20	8,423,441	5,052,653
Taxes and Utilities	21	16,870,566	16,978,262
Rehabilitation or Refurbishing and Maintenance of ICID Center Office Building	22	283,072	3,529,600
Publication, Knowledge Management and Dissemination	23	3,513,626	4,156,766
Conference Expenditure	24	1,809,468	2,527,464
Cooperation with Other Organization		—	23,305
Travel Expenditure	25	1,653,563	1,303,723
Depreciation on Fixed Assets	1	1,378,293	1,486,452
Workshop, Training and Studies	26	4,908,560	956,568
Other Expenditure	27	193,485	5,705,712
Excess of Income over Expenditure		10,941,066	(6,149,902)
Total		81,201,585	71,695,300

Significant Accounting Policies and Notes to Accounts forming part of Accounts-Annexure 45

As per our separate Report of even date
attached

For and on behalf of
International Commission on Irrigation and Drainage

For **P.K. Chopra & Co.**
Chartered Accountants
Firm Registration No. 006747N

Sd/-
Arvind Mongia
Partner
Membership No. 085176

Sd/
Balasaheb Anantrao Chivate
Director (Technical)

-Sd/-
Ashwin Kumar Balwantray
Pandya
Secretary General

Place: New Delhi
Dated: 17th May 2019

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
RECEIPT AND PAYMENT ACCOUNT
FOR THE YEAR FROM 1ST APRIL 2018 TO 31ST MARCH 2019**

PARTICULARS		2018-19 (Rs.)	2017-18 (Rs.)
RECEIPTS			
Cash & Banks (Balance Brought Forward)	28	75,930,397	75,760,429
Membership Subscriptions	29	17,709,864	16,742,447
Sale of Publications	30	13,418	1,089,818
Special Contribution to the Budget	31	6,680,016	62,700
Interest on Fixed Deposits	32	5,112,321	4,797,114
Special Subscription		343,700	—
Other Receipts	33	1,429,669	1,459,371
Rent and Provision of Services on Let Out Property	-	48,401,695	47,789,130
Income Tax Refund	34	1,150,720	—
Total		156,771,800	147,701,010
PAYMENTS			
Compensation package for Secretary General	-	4,035,597	3,938,238
Salaries and Allowances	35	22,410,162	27,224,770
Superannuation Relief to Retired Employees	-	4,416,948	3,397,226
Services & Maintenances	36	8,452,786	5,103,228
Taxes and Utilities	37	16,793,137	16,983,611
Rehabilitation or Refurbishing and Maintenance of ICID CO Building	38	283,072	3,529,600
Publications, Knowledge Management and Disseminations	39	3,506,298	4,158,824
Conference Expenditure	40	1,809,468	2,243,164
Cooperation with Other Organisation		—	23,305
Travel Expenditure	41	1,653,563	1,303,723
Workshops, Trainings and Studies	42	5,122,457	1,016,574
Purchase of Fixed Assets	43	191,127	1,276,721
Other Payments	44	3,947,587	1,571,629
Cash & Banks (Balance Carry Forward)	28	84,149,599	75,930,397
Total		156,771,800	147,701,010

Significant Accounting Policies and Notes to Accounts forming part of Accounts-Annexure 45

As per our separate Report of even date attached

For and on behalf of
International Commission on Irrigation and Drainage

For **P.K. Chopra & Co.**
Chartered Accountants
Firm Registration No. 006747N

Sd/-
Arvind Mongia
Partner
Membership No. 085176

Sd/
Balasaheb Anantrao Chivate
Director (Technical)

-Sd/-
Ashwin Kumar Balwantray Pandya
Secretary General

Place: New Delhi
Dated: 17th May 2019

**PROPOSED REVISED BUDGET 2019-2020 AND PROPOSED BUDGETS 2020-2021,
PRELIMINARY BUDGET 2021-2022 AND FORECAST BUDGET 2022-2023**

	Proposed Revised Budget 2019-2020	Proposed Budget 2020-2021	Proposed Preliminary Budget 2021-2022	Proposed Forecast Budget 2022-2023
	₹	₹	₹	₹
I RECEIPTS				
1. Membership Subscriptions	22,929,000	16,418,000	16,418,000	16,418,000
2. Sale of Publications	1,055,000	1,055,000	1,055,000	1,055,000
3. Special Contribution to ICID Budget	9,782,500	16,645,000	2,000,000	8,000,000
4. Interest on Fixed Deposits	6,044,000	6,044,000	6,044,000	6,929,000
5. Other Receipts	6,706,000	889,000	889,000	5,508,000
6. Rent and Maintenance Charges	56,461,000	58,137,000	58,137,000	66,625,000
7. Loan for Extension of Building	-	100,000,000	40,000,000	-
Total Receipts	102,977,500	199,188,000	124,543,000	104,535,000
II EXPENDITURE				
1. Compensation Package for Secretary General	4,198,000	4,378,000	4,578,000	4,857,000
2. Salaries and Allowances	23,577,000	24,401,800	26,617,600	26,184,000
3. Superannuation Relief to Retired Employees	3,823,000	3,895,000	4,230,000	4,606,000
4. Service & Maintenance	7,927,000	7,375,000	7,657,000	7,952,000
5. Taxes & Utilities	18,534,000	18,732,000	18,782,000	19,581,000
6. Rehabilitation, Refurbishing and Maintenance of ICID CO Building	830,000	830,000	1,330,000	1,330,000
7. Publication, Knowledge Management and Dissemination	4,742,000	4,468,000	4,510,000	4,859,000
8. Conference Expenditure	2,700,000	3,700,000	2,100,000	2,600,000
9. Cooperation with Other Organisations	110,000	50,000	50,000	110,000
10. Travel Expenditure	2,400,000	2,400,000	2,400,000	2,400,000
11. Fixed Assets	2,900,000	101,900,000	44,200,000	1,200,000
12. Workshops, Training and Studies	5,700,000	6,300,000	3,800,000	3,800,000
13. Independent Service Unit (ISU)	300,000	300,000	300,000	300,000
14. Other Expenditure	1,385,000	1,310,000	1,060,000	1,060,000
Total Expenditure	79,126,000	180,039,800	121,614,600	80,839,000
Surplus/(Deficit)	23,851,500	19,148,200	2,928,400	23,696,000



**List of participants at the
70TH INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING
7 September 2019, Bali, Indonesia**

(A) OFFICE BEARERS

President

1. Eng. Felix B. Reinders (South Africa)

Vice Presidents

2. Dr. (Mrs.) Irena G. Bondarik (Russia)
3. Mr. Waseem Nazir (Pakistan)
4. Er. Naoki Hayashida (Japan)
5. Dr. Brian T. Wahlin (USA)
6. Dr. Yella K. Reddy (India)
7. Dr. Marco Arcieri (Italy)
8. Dr. Kamran Emami (Iran)
9. Mr. Ahmed EL BOUARI (Morocco)

Secretary General

10. Er. Ashwin B. Pandya, ICID (India)

(B) CHAIRPERSONS OF PERMANENT COMMITTEES

1. Vice President Hon. Laurie C. Tollefson (Canada), PFC
2. Vice President Hon. Ding Kunlun (China), PCTA
3. Vice President Brian T. Wahlin (USA), PCSO

(C) PAST PRESIDENTS

1. Prof. Dr. Chandra Madramootoo (Canada)
2. Dr. Gao Zhanyi (China)
3. Dr. Saeed Nairizi (Iran)
4. Dato' Ir. Hj. Keizrul bin Abdullah (Malaysia)
5. Prof. dr. Ir. Bart Schultz (The Netherlands)
6. Mr. Peter S. Lee (United Kingdom)

(D) PAST VICE PRESIDENTS

1. Mr. Laurie C. Tollefson (Canada)
2. Dr. Mohamed Abd-El-Moneim Wahba (Egypt)
3. Dr. Laszlo G. Hayde (Hungary)
4. Dr. A. Hafied A. Gany (Indonesia)
5. Dr. Shinsuke Ota (Japan)
6. Prof. Dr. Charlotte de Fraiture (The Netherlands)
7. Mr. Chaiwat Prechawit (Thailand)
8. Dr. Ragab Ragab (United Kingdom)
9. Mr. Ian William Makin (United Kingdom)
10. Dr. Ir. Basuki Hadimoeljono (Indonesia)

(E) NATIONAL COMMITTEES / COMMITTEE

1.	Mr. Naseer Ahmad Fayez	Afghanistan
2.	Mr. Bryan Ward; Ms. Christine Delphin	Australia
3.	Mr. OUANGO D. François	Burkina Faso
4.	VPH Laurie C. Tollefson	Canada
5.	Mr. Gao Lihui; Ms Li Ruoxi	China
6.	Prof. Dr. Zeinab Hussien Behairy; Prof. Dr. Hesham Mostafa Mohamed Ali	Egypt
7.	Dr. Dominique ROLLIN	France
8.	VPH Dr. Laszlo G. Hayde	Hungary
9.	Mr. Vinod Kumar Tiwari	India
10.	Ir. Adang Saf Ahmad, CES; Ir. M.Z. Fatah; Mr. Sigit Marwanto; Dr. Mochammad Amron	Indonesia
11.	Mr. Mehrzad Ehsani; Mr. Ali Reza Salamat	Iran
12.	Mr. Hussein Abdulameer Baga; Eng. Nissreen Sami Tarkhan; Mr. Rafat Nael Abdulghani Al-Intaki	Iraq
13.	VP Dr. Marco Arcieri	Italy
14.	Mr. Sato Yohei; Mr. Kenji MIYAGAWA; Prof. Dr. Tsugihiko WATANABE	Japan
15.	Ms A Bin LEE; Ms Sang Hee PARK	Korea
16.	Ir. Hj. Nor Hisham bin Mohd Ghazali; Ir. Hj AHMAD BIN DARUS	Malaysia
17.	Dr. Bartali El Houssine	Morocco
18.	Mr. Bashu Dev Lohanee	Nepal
19.	Prof. dr. Bart Schultz; Prof.dr. Charlotte de Fraiture	The Netherlands
20.	Ms Florence J.; Engr. Dr. Elijah A. ADERIBIGBE. Engr. Muhammad Sani Bala	Nigeria
21.	VP Waseem Nazir	Pakistan
22.	ATTY. AILYNE C. AGTUCA-SELDA	Philippines
23.	VP Dr. (Mrs.) Irena G. Bondarik	Russia
24.	Dr. Sylvester Mpandeli; Mrs. Mary Jean M. Gabriel	South Africa
25.	Eng Janaki Meegastenna	Sri Lanka
26.	Mr. Arthon Suttigarn	Thailand
27.	Mr. Ali GOKYEL; Mr. Muhammed Imran Kulat	Turkey
28.	VPH Dr. Ragab Ragab	United Kingdom
29.	VPH Larry D. Stephens	USA
30.	Dr. Shukhrat Mukhamedjanov; Dr. Shavkat Rakhimovich Khamraev	Uzbekistan
31.	Dr. Ruey-Chy Kao; Mr. Kuang-Ming Chuang; Prof. Ray- Shyan Wu	Chinese Taipei



**IMPORTANT DECISIONS TAKEN BY THE
MANAGEMENT BOARD ON BEHALF OF IEC
BETWEEN
69TH IEC MEETING (SASKATOON, AUGUST 2018) AND
70TH IEC MEETING (BALI, SEPTEMBER 2019)
(And the actions taken thereon)**

Decision by the MB Meetings	Decision of 70 th IEC
I. Virtual Management Board Meeting No.4/18, 01 November 2018 (via Web Conferencing)	
(a) MB approved the composition and terms of reference for the setting up of the Task Team to look into Financial Aspects of Special Contribution to ICID Budget from ICID Events (TT-FASCIB).	Endorsed.
(b) MB approved the broad composition and mandates for the constitution of the Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM)	Endorsed.
(c) MB approved the revised IYPeF Scheme.	Endorsed.
II. Management Board Meeting No.1/19, 12 April 2019, Rabat, Morocco	
(a) MB approved the mandate for Working Group on Adaptive Flood Management (WG-AFM) for the establishment of the WG, as it has fulfilled the requirement of participation of at least 10 NCs for establishing a new WG.	Endorsed.
(b) MB approved the constitution of an International Technical Advisory Committee (ITAC) for 24 th ICID Congress, together with its composition and terms of reference.	Endorsed.
(c) MB concurred with the work undertaken towards the potential launch of ISU during 70 th IEC meeting in Bali, Indonesia in September 2019.	Endorsed.
(d) MB decided that ICID may undertake WSH program as a separate one under ICID banner, independent of currently on-going WHIS Program, rather than as a member initiative with WWC without any substantial support from WWC side.	Endorsed.
(e) MB approved the joint activities, with involvement in Drought and Climate Change, which may be adequately reflected in the revised MoU between ICID and WMO.	Endorsed.
(f) MB approved ANAFIDE's request to change the venue of the 5th African Regional Conference from Rabat to Marrakech.	Endorsed.



REVIEW OF WORKBODY ACTIVITIES UNDER STRATEGY THEME "BASIN"

VP Er. Naoki Hayashida and VP Dr. Kamran Emami
Co-Theme Leaders, Strategy Theme - Basin

General

The technical activities of ICID are organized under four strategy themes: On Farm, Schemes, Basin, and Knowledge. The strategy theme Basin deals with all the basin-level environment aspects that impact agriculture water management such as climate, floods, droughts, seawater, etc. This review examines the strategy theme Basin and consists of Mandate; Activities and Achievements made by 2019 Bali meeting; Appraisal; Recommendations for the theme.

Review of Strategy Theme Basin

The strategy theme Basin includes the work of the following six working groups and one task team:

1. Working Group on Adaptive Flood Management (WG-AFM)
2. Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)
3. Working Group on Environment (WG-ENV)
4. Working Group on Irrigation and Drainage in States Under Socio-Economic Transformation (WG-IDSST)
5. Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)
6. Working Group on Sustainable Development of Tidal Areas (WG-SDTA)
7. Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM)

1. Working Group on Adaptive Flood Management (WG-AFM)

The establishment of WG-AFM was approved in 2018. WG-AFM has the mandate to provide guidance to compile, publish, update and/or translate documents on adaptive flood management, to promote inter-disciplinary exchange of information, knowledge and experience, as well as networking on the topic for proper understanding of the technological developments on the subject, and to organize seminars and prepare a paper and a book.

Activities and Achievements made by 2019 Bali meeting

- (a) The WG decided to submit the closure report of the erstwhile WG-CAFAM to the ICID central office during Bali meeting.
- (b) The WG finalized the schedule for editing and finalizing the publication titled "Adaptive Flood Risk Management" which will cover both structural and non-structural aspects of flood management.
- (c) The WG organized an International Workshop on "Adaptive Flood Management: Recent Great Floods and Lessons Learned" on 12 August 2018 at Saskatoon, Canada.

Appraisal

Same as last year, observers from USA, Thailand, Malaysia, Nigeria and Germany provided the information of each country's AFM and active discussions were made. From next year, members are requested to provide their updated information regarding AFM and have active discussions with participants.

Recommendations

The WG Action Plan of Road Map to ICID Vision 2030 based on the new mandate should be considered continuously and appropriate flood warning and emergency action plan should be discussed to reduce human casualties by floods.

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

WG-CLIMATE has the mandate to review the progression of and predictions for Global Climate Change and climate variability and to explore and analyze the medium-term implications of climate change and climate variability for irrigation, drainage, and flood management.

Activities and Achievements made by 2019 Bali meeting

- (a) As the outcomes of the activities under the Action Plan, the WG decided that it will publish one book or pamphlet, which might include integrated and innovated assessment of climate change on agricultural water management and the adaptation strategy.
- (b) The WG had set up the editorial team for publication of the activities under the Action Plan.
- (c) The WG organized the workshop in WIF3 in Bali, September 2019.

Appraisal

- (a) The participation of the younger professionals is not sufficient, while the persons who have participated in the meetings and activities of the WG are quite active and contributed to the WG.
- (b) Cooperation with other international organizations is quite poor and is needed to be developed systematically.

Recommendations

- (a) The collaboration activities with other WGs under Basin and other themes should be developed and implemented.
- (b) The WG should try to develop some protocols to communicate with international and national societies or organizations related to the global climate change issues.

3. Working Group on Environment (WG-ENV)

WG-ENV has the mandate to provide guidance on the environmental aspects of irrigation and drainage to policy makers, planners, designers, and managers including its effects on climate and human health and to work toward the management of a sustainable environment, maximizing positive and minimizing adverse effects of irrigation and drainage systems.

Activities and Achievements made by 2019 Bali meeting

- (a) The WG document titled "Assessing the environmental impacts and the sustainability of irrigation and drainage systems: the potential contribution of Life Cycle Analysis" by Dr. Sylvain Perret is now available on the website.
- (b) The WG started to collect case studies concerning the "Positive Ecosystem Services from Irrigation and Drainage Systems" which may be developed into an ICID technical paper and/or uploaded on the WG website.

Appraisal

- (a) Although new nominations were received from national committees, active memberships were limited.
- (b) The chair of the WG participated in PAWEES-INWEPF International Conference Nara in November 2018 in Japan. It is important to maintain a good relationship between the WG and PAWEES/INWEPF in the analysis of multi-functionalities of paddy fields.
- (c) Based on the road map to achieve its mandate, WG assigned the task of collecting documents to each member to be presented at the Workshop in next meeting in Australia. The outcomes of the Workshop will be synthesized into ICID technical paper or guidelines.

Recommendations

As regards the study of the "Positive Ecosystem Services from Irrigation and Drainage Systems", contribution by members of the WG and collection of previous studies on multi-functionalities/ecosystem services should be carried out to clarify how to enhance ecosystem services of irrigation/drainage system and to identify possible measures to persuade policy makers and general public to support the manifestation of ecosystem services.

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

WG-IDSST aims to promote innovative approaches and necessary instruments to provide sustainable irrigation and drainage management within Integrated Water Resource Management plans and rural development projects in the countries of transition.

Activities and Achievements made by 2019 Bali meeting

- (a) UzNCID organized a conference in March 2019 at the Tashkent State Institute of Irrigation, Uzbekistan to highlight the importance of freshwater and advocate sustainable management of freshwater resources.
- (b) Uzbekistan, Norway and Japan together with the United Nations (on Human Security) organized an event at the United Nations Headquarters in New York in November 2018.

Appraisal

The WG has active discussions to share the information on irrigation and drainage in the states under socio-economic transformation. However, the main players are from the countries in certain regions.

Recommendations

- (a) Active participation and reports from members of other countries are desirable.
- (b) The WG is considering the implementation of activities as below. The WG is recommended to undertake them promptly.
 - To promote implementation of IWRM and broad-basing of stakeholders by popularizing the case studies.
 - To monitor the ecological situation in the transition states.
 - To collect and disseminate appropriate advanced irrigation and drainage technology for use in transition states.

5. Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)

WG-MWSCD has the mandate to collect information, knowledge and, where available, case histories on actions taken to manage water systems to accommodate a change in priority of water use or due to conflicting demands.

Activities and Achievements made by 2019 Bali meeting

In the WG meeting during the 70th IEC in September 2019 in Bali, a total of six papers from five different countries were presented. There is a plan to hold a workshop in Sydney, next year.

Appraisal

- (a) The WG was established in 2016, as a replacement of WG-Drought, while the WG is not dealing with droughts but rather resolving conflicts due to permanent water scarcity.
- (b) It was decided in 2017 that the output of the WG will not be a technical report but a joint-authored thesis of the members.

Recommendations

- (a) Active presentations and discussions are desired in the workshop in Sydney.
- (b) Further active actions from countries such as India, China and Pakistan, are desirable, where the problems of conflicting demands of water are severe.

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

WG-SDTA has the mandate to raise awareness of the increasing risk to tidal areas due to global climate change, to stimulate discussion on impacts and mitigation measures, to find a balance between the preservation and development of tidal areas, to enhance surveys, to improve design techniques, to collect information about the tidal area environment around the world, to join the international dialogues and to organize international conferences.

Activities and Achievements made by 2019 Bali meeting

- (a) The Chair shared experiences from Chinese Taipei during the WG meeting and further presented the contents of the forward-looking infrastructure development program on 'Water environments in Taiwan' in 2018.

- (b) The Special Issue of the ICID Journal titled “Sustainable Development of Tidal Areas: Climate Change and Environmental Impacts” was published in July 2018.

Appraisal

- (a) Members of some countries, especially younger professionals, are often limited by financial burdens and do not have the opportunity to participate in discussions at international conferences. By that reason, the WG held a web meeting in January 2019.
- (b) The WG has not cooperated with other international organizations and the knowledge sharing and experience exchange with ICID member countries are not sufficient.

Recommendations

- (a) The stakeholders should strengthen the communication regarding knowledge and concepts which include both development and conservation through experiences and techniques upon consultation with other countries.
- (b) The promotion of the complete management of irrigation, drainage, flood and underground water by combining the newest technologies of ICT (Information and Communication Technology), IOT (Internet of Things), and CPS (Cyber-Physical System) is desired.

7. Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM)

The establishment of the Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM) was approved in 2018. However, its meeting was not held in Bali.

General observations

- (a) Generally, WGs under the strategy theme Basin are functioning quite well and productively. The activities of some WGs have been well managed and advanced according to the decisions of each WG.
- (b) Overall, the attendance of members is good, but in some cases, this is limited. Poor attendance at the meetings and lack of contribution by the members will lead to reduced productivity and output.
- (c) Since most of the subjects covered under the theme Basin are largely correlated to other activities of ICID and other organizations, there is a need for collaboration with relevant specialized international organizations working in these fields.

General recommendations

- (a) WGs should promote the exchange of knowledge that takes place within the WG workshops with other agriculture water management professionals by publishing the summary and outcomes in ICID NEWS.
- (b) WGs should clearly identify their output in a work plan which may include technical reports, position papers, special issues of Journal of Irrigation and Drainage, seminars (internal/international), etc. in accordance with the Action Plan on the Road Map to ICID Vision 2030.
- (c) WGs' productivity and necessity should be evaluated carefully and when mandates and objectives are completed a final report should be written and then move on. A final workshop is also recommended even through video conference.
- (d) More information and products should be sent to the central office so that they would be posted on the websites and timely updated.
- (e) More WebEx meetings should be considered at least once a year.
- (f) Efforts to attract young professionals should be continued and increased.
- (g) All WG chairs and theme leaders should be more conscious about the purpose and the set procedures initially.
- (h) WGs under the Strategy Theme-Basin are relatively young (Years of Establishment: WG-AFM (2018), WG-CLIMATE (2015), WG-ENV (2015), WG-IDSST (2018), WG-MWSCD (2016) and WG-SDTA (2017)). Therefore, WGs should continue their activities in line with their mandates, for the time being. However, some WGs should actively collaborate with other WGs which cover relevant themes.



**MEMBERSHIP OF VARIOUS WORKBODIES
(As Updated During 70TH IEC)**

I. PERMANENT FINANCE COMMITTEE (PFC)

No.	Members	Country	Remarks
1.	VPH Laurie Tollefson	Canada	Chairman
2.	VP Mr. Naoki Hayashida	Japan	
3.	VP Dr. Irene Bondarik	Russia	
4.	Vice President Engr. Husnain Ahmad	Pakistan	
5.	Mr. Ali Reza Salamat	Iran	
6.	Dr. Marco Arcieri	Italy	
7.	Prof. Mohamed Benmoussa	Morocco	
8.	Mr. Abdul Malik Sadat Idris	Indonesia	
9.	Er. Ashwin B Pandya, SG, ICID		

II. PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)

No.	Members	Country	Remarks
1.	Vice President Dr. Brian T. Wahlin	USA	Chair (2018), Member
2.	Mr. Amali Abraham Amali, Coordinator, IYPEF	Nigeria	Vice Chair
3.	Vice President Hon. Dr. Irene G. Bondarik	Russia	Member
4.	Vice President Hon. Mr. Waseem Nazir	Pakistan	Member
5.	Vice President Hon. Mr. Madhav Belabse	Nepal	Member
6.	Vice President Er. Naoki Hayashida	Japan	Member
7.	Vice President Dr. K. Yella Reddy	India	Member
8.	Vice President Dr. Marco Arcieri	Italy	Member
9.	Vice President Dr. Kamran Emami	Iran	Membe
10.	Vice President Mr. Ahmed EL BOUARI	Morocco	Member
11.	Vice President Dr. Mochammad Amron	Indonesia	Member
12.	Vice President Dr. Hesham Mostafa Mohamed Ali	Egypt	Member
13.	Vice President H.E. Dr. Shavkat Rakhimovich Khamraev	Uzbekistan	Member
14.	Secretary General, ICID	ICID CO	Member-Secretary
15.	FAO representative		Permanent Observer
16.	World Bank representative		Permanent Observer
17.	GWP representative		Permanent Observer
18.	WWC representative		Permanent Observer
19.	Chairpersons of all Regional Working Groups and Working Groups/Committees under PCSO.		Ex-Officio Members

II.A. Membership Status of Working Groups under PCSO

II.1 — AFRWG			
No.	Members	Country	Remarks
1.	VPH Dr. M.S. Wahba	Egypt	Chairman
2.	Prof. Dr. Sylvester Mpendeli	South Africa	Vice Chairman
3.	Engr. Amali Abraham Amali – Young Professional	Nigeria	Secretary
4.	Mr. Jean Bernard Dambre	Burkina Faso	
5.	Mrs. Salamata Karambiri MIWENDE	Burkina Faso	
6.	Mr. Tchouadang Kadjonga	Chad	
7.	VPH Dr. Samia El-Guindy	Egypt	
8.	Eng. (Ms.) Omnia Hassan Ahmad Salem – Young Professional	Egypt	
9.	Representative	Ethiopia	
10.	Representative	Malawi	
11.	Representative	Mali	
12.	Eng. (Ms.) Sara BOULARBAH -	Morocco	
13.	Eng. (Ms.) (Ms.) El Oumlouki Kaoutar – Young Professional	Morocco	
14.	Representative	Niger	
15.	Engr. Joe Kwanashie	Nigeria	
16.	Mr. Abdullahi Hassan Hussein - Young Professional	Somalia	
17.	Eng. Mohamed Mohamud Abdi	Somalia	
18.	Eng. (Ms.) Hind Massoud Hamed Elneel	Sudan	
19.	Eng. Marwa Faisal Salman Mohamed – Young Professional	Sudan	
20.	Mr. Mulako Cornelius Sitali	Zambia	
Permanent Observer			
21.	Mr. Jean Syroganis Camara	Italy	
22.	Mr. A. de Vito	Italy	
23.	Eng. Omer Yousef	Sudan	
24.	FAO Representative		
25.	World Bank Representative		
26.	ARID Representative		
27.	SARIA Representative		
28.	AgWA Representative		

II.2 — ASRWG			
No.	Members	Country	Remarks
1.	Dr. Karim Shiati	Iran	Chairman
2.	VP Naoki Hayashida	Japan	Vice Chair
3.	Representative	Afghanistan	
4.	Mr. Stephen Mills	Australia	
5.	Ir. Felipe Dantas	Australia	Provisional Member
6.	Representative	Bangladesh	
7.	Mr. Wang Aiguo	China	
8.	Dr. Ray-Shyan, Wu	Chinese Taipei	
9.	Dr. Gwo-Hsing Yu	Chinese Taipei	

10.	Dr. Wen-Pin Shu	Chinese Taipei	
11.	Dr. Vijay K Labhsetwar	India	
12.	Dr. Rajinder Kumar Gupta (Direct Member)	India	
13.	Dr. Mochammad Amron	Indonesia	
14.	Representative	Iraq	
15.	Dr. Tsugihiko Watanabe	Japan	
16.	Representative	Kazakhstan	
17.	Ms. Jeong Min, Ryu - Young Professional	Korea, Rep. of	
18.	Prof. (Ms.) Kyung Sook Choi	Korea, Republic of	
19.	Ir. Syed Abdul Hamid bin Syed Shuib	Malaysia	
20.	Ir. Hj. Ahmad bin Darus	Malaysia	
21.	Dr. (Ms.) Mu Mu Than	Myanmar	
22.	Mr. Bashu Dev Lohanee	Nepal	
23.	Mr. Ahmed Kamal	Pakistan	
24.	Representative	Philippines	
25.	Eng. W.B. PALUGASWEWA	Sri Lanka	
26.	Mr. Dilshod Kimsanov	Tajikistan	
27.	Mr. Arthon Suttigarn	Thailand	
28.	Dr. Aynur Fayrap	Turkey	
29.	Mr. Ilkhom Juraev	Uzbekistan	
30.	Dr. Dao Trong Tu	Vietnam	

II.3 —C-CONGR

No.	Members	Country	Remarks
1.	Mr. Bryan Ward	Australia	Chair
2.	Dr. Warren Helgason	Canada	Representative
3.	Mr. Bashu Dev Lohanee	Nepal	Representative
4.	Mr. Anuj Kanwal	India	Representative
5.	Mr. M.Z. Fatah	Indonesia	Representative
6.	PR El Houssine Bartali	Morocco	Representative
7.	VPH Dr. Ding Kulun	China	Representative

II.4 —ERWG

No.	Members	Country	Remarks
1.	VPH Ian Makin	UK	Chair
2.	VPH Peter Kovalenko	Ukraine	Vice-Chair
3.	Mr. Olli-Matti Verta	Finland	Secretary
4.	Representative	Netherlands	
5.	Representative	Spain	
6.	Representative	Switzerland	
7.	Representative	Slovenia	
8.	Mr. Pedro Eduardo da Cunha Serra	Portugal	
9.	Prof. Dr. Ion Nicolaesco	Romania	
10.	Dr. Davor Romic	Croatia	
11.	Dr. John Martine	Ireland	
12.	VPH Laszlo Hayde	Hungary	
13.	Dr. Irina G. Pankova	Russia	Observer YP
14.	Dr. (Mrs.) Sabine Seidelas as Young Professional	Germany	Observer
15.	Dr. Irene Bondark	Russia	
16.	Dr. Klaus-Dieter Vorloop	Germany	Observer
17.	Dr. Sami Bouarfa	France	
18.	Mr. Hannes Puu	Estonia	
19.	Dr. Maroco Arcieri	Italy	
20.	Representative	Georgina	
21.	Mr. Peter Alexey Yurievich, Chair, EWTDR	Russia	Ex-Officio Member

III. PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)

No.	Members	Country	Remarks
1.	VPH Dr. Ding Kulun, Chair	China	Chair (2015)
2.	Ms. Aysen Pervin Güngör (Turkey)	Turkey	Member (2014)
3.	VPH Mr. Chaiwat Prechawit (Thailand)	Thailand	Member (2014)
4.	VPH Dr. Mohamed Wahba	Egypt	Member (2015)
5.	Mr. Ali Reza Salamat	Iran	Member (2015)
6.	Prof. Michele Perniola	Italy	Member (2018)
7.	Dr. Tsugihiko Watanabe	Japan	Member (2018)
8.	VP Dr. Brian T. Wahlin	USA	Member (2018)
9.	VPH Mr. Ian William Makin	UK	Member (2019)
10.	Secretary General, ICID		Member-Secretary
11.	World Bank representative		Permanent Observer
12.	FAO representative		Permanent Observer
13.	IWMI representative		Permanent Observer
14.	ISO representative		Permanent Observer
15.	WWC representative		Permanent Observer
16.	CPWF representative		Permanent Observer
17.	AgWA representative		Permanent Observer
18.	All Strategy Theme Leaders and Chairs of all Workbodies under PCTA		Ex-Officio Members

III.A. Membership Status of Working Groups under PCTA**III.B.3 — WG-AFM**

No.	Members	Country	Remarks
1.	Dr. Kamran Emami	Iran	Chairman
2.	Dr. Ikuo Yoshinaga	Japan	Vice-Chair
3.	Ms. Sahar Norouzi – Young Professional	Iran	Secretary
4.	Engr. Syed Mahmood-ul-Hassan	Pakistan	Member
5.	Eng. Hind Massoud	Sudan	Member
6.	Mr. Ahmad Bin Dakur	Malaysia	Member
7.	Engr. Abdullah Hassan Hussein	Somalia	Member
8.	Mr. Maurice Roos	USA	Member
9.	Mr. Olli-Matti Verta	Finland	Member
10.	Mr. R.K. Agarwal	India	Member
11.	Mr. Marcel Marchand	Netherlands	Member
12.	Dr. Arthon Suttigarn	Thailand	Member
13.	Dr. Rozalija Cvejic	Slovenia	Member

14.	Dr. Abdellilah Taky	Morocco	Member
15.	Dato's Ir. Mohd Azmi Bin Ismail	Malaysia	Provisional Member

III.B.2 — WG-CLIMATE

No.	Members	Country	Remarks
1.	Dr. Tsugihiko Watanabe	Japan	Chairman
2.	Dr. Ray Shyan Wu	Chinese Taipei	Vice Chairman
3.	Dr. Fuqiang Tian	China	Secretary
4.	Dr. Jih-Shun, Liu	Chinese Taipei	
5.	Dr. Waleed Hassan M. Abou El Hassan	Egypt	
6.	Eng (Ms.) Nermeen Essam El-Tahan - Young Professional	Egypt	
7.	Mr. Mika Turunen	Finland	
8.	Mr. Sanjay Kumar Singh	India	
9.	Mr. Atin Kumar Tyagi – Direct Member, JISL	India	
10.	Representative	Indonesia	
11.	Dr. Nozar Ghahreman	Iran	
12.	Mr. Jafer Kathom Alwan Alamiryi - Young Professional	Iraq	
13.	Prof. Choi, Jin-Yong	Korea, Rep. of	
14.	Engr. Reynaldo L. Baloloy	Philippines	
15.	Prof. Sue Walker	South Africa	
16.	Eng. (Ms.) Talatha Janaki Meegstenna	Sri Lanka	
17.	Ms. DEMIREL YAZICI Dilek	Turkey	
18.	Dr. Guy Jobbins	UK	
19.	Mr. Michael Davidson	USA	
Permanent Observers			
20.	WMO representative		
21.	IWMI Representative		
22.	FAO Representative		

III.B.3 — WG-ENV

No.	Members	Country	Remarks
1.	VPH Prof. dr. (Ms.) Charlotte de Fraiture	The Netherlands	Chair
2.	Dr. Michael van der Laan	South Africa	Vice Chair
3.	Dr. Seija Anneli Virtanen	Finland	Secretary
4.	Mr. Carl Walters	Australia	
5.	Mr. Mohammad Samiul Ahsan Talucder (Direct Member)	Bangladesh	
6.	Dr. Fuqiang Tian	China	
7.	Dr. Hao-Che Ho	Chinese Taipei	

8.	Dr. Ming-Kai Hsieh	Chinese Taipei	
9.	Mr. Usamah Hashim Witwit	Iraq	
10.	Prof. N. Hatcho	Japan	
11.	Dr. Choi, Joong-Dae	Korea, Rep. of	
12.	Prof. (Ms.) Eunmi Hong	Korea, Rep. of	
13.	Ir. Mohd Azmi Ismail	Malaysia	
14.	Dr. Muhammad Basharat Chaudhry	Pakistan	
15.	Engr. Reynaldo L. Baloloy	Philippines	
16.	Dr. Yury Anatolyevich Mozhaikii	Russia	
17.	Eng. (Ms.) P.M. Jayadeera	Sri Lanka	
18.	Dr. Aynur Fayrap	Turkey	
19.	Vokhidjon M. Akhmadjonov	Uzbekistan	Provisional Member

III.B.4 — WG-IDSST

No.	Members	Country	Remarks
1.	VPH Prof. Peter Kovalenko	Ukraine	Chairman
2.	VPH Prof. Victor A. Dukhovny	Uzbekistan	Deputy Chairman
3.	Dr. Shukhrat Mukhamedjanov	Uzbekistan	Secretary
4.	Mr. Momir Vranes	Australia	
5.	Dr. (Ms.) Ya-Wen Chueh	Chinese Taipei	
6.	VPH Dr. Mohamed Wahba	Egypt	
7.	Dr. Rajinder Kumar Gupta (Direct Member)	India	
8.	Dr. Katsuyuki Shimizu	Japan	
9.	Engr. Peter Yakube Manjuk	Nigeria	
10.	Mr. Rafaquat Ali	Pakistan	
11.	Dr. Alexander Solovyev	Russia	
12.	Eng W.B. Palugaswewa	Sri Lanka	
13.	Dr. Hassan Abu Bashar	Sudan	
14.	Mr. Baratov Rustam Okilovich	Tajikistan	
15.	Dr. Andrii Shatkovskiy	Ukraine	
Permanent Observers			
16.	Prof. Daene C. McKinney (IWRA)		
17.	FAO Representative		
18.	World Bank representative		

III.B.4 — WG-MWSCD

No.	Members	Country	Remarks
1.	VPH Franklin E. Dimick	USA	Chair
2.	Mr. V.C. Ballard	Australia	Vice-Chair
3.	Dr. Jaepil Cho	South Korea	Secretary
4.	Ir. David Florentino	Philippines	Provisional Member
5.	VPH Ragab Ragab	UK	Member
6.	Ms. Mikiko Sugiura	Japan	Provisional Member

7.	Mr. Veysel Yildiz	Turkey	Provisional Member
8.	Mr. Amali Abraham Amali	Nigeria	Member
9.	Dr. Jan Ming-Young	Chinese Taipei	Member
10.	Dr. Hesham Mostafa Mohammed Ali	Egypt	Provisional Member

III.B.5 — WG-SDTA

No.	Members	Country	Remarks
1.	Dr. Ruey-Chy Kao	Chinese Taipei	Chair
2.	Ir. Henk P. Ritzema	Netherlands	Vice Chair
3.	Ir. Hj. Nor Hisham Bin Mohd Ghazali	Malaysia	Secretary
4.	Dr. (Ms) Hsiao-Weng Wang	Chinese Taipei	Young Professional
5.	Prof. Budi Santoso Wignyosukarto	Indonesia	Member
6.	Prof. Zhang Zhanyu	China	Member
7.	Dr. Jeongryeol Jang	Korea	Member
8.	Mr. Anuj Kanwal	India	Member
9.	Eng. Elaraby Mohamed Gomaa Elkashawy	Egypt	Provisional Member
10.	Prof. Dr. Hossam Refaat	Egypt	Provisional Member
11.	Dr. Ikuo Yoshinaga	Japan	Member
12.	Dr. Vijay K. Labhsetwar	India	Member
13.	Mr. Paavan Kuamr Reddy, Young Professional	India	Member
14.	Dr. Surat Thanusin	Thailand	Member
15.	Dr. Jo Jin Hoon	Korea	Permanent Observer
16.	Dr. Daeou Eo	Korea	Permanent Observer
17.	Mr. Robiyanto Hendro Susanto	Indonesia	Permanent Observer
18.	Mr. Harry Denecke (FAO)		Permanent Observer

III.K.1 — WG-CDTE

No.	Members	Country	Remarks
1.	Prof. Dr. Abdelhafid DEBBARH	Morocco	Chair
2.	Mr. Mirza Asif Baig	Pakistan	Provisional Member
3.	Dr. Nader Heydari	Iran	Provisional Member
4.	Eng. Abu Obieda Babiker Ahmed Hassan	Sudan	Provisional Member
5.	Mr. Hasan Basri Yuksel	Turkey	Provisional Member
6.	Ms Dahile Abdulqader Abdulhameed (YP)	Iraq	Provisional Member
7.	Mr. Raad F Amein Taha	Iraq	Provisional Member
8.	VPH Dr. Mohamed Wabha	Egypt	Provisional Member
9.	Dr. Shinji Fukuda	Japan	Provisional Member
10.	Dr. Vijay K. Labhsetwar	India	Provisional Member

11.	Dr. Wen-Pin Shu	Chinese Taipei	Provisional Member
12.	Dato' Ir. Haji Hanapi Bin Mohamad Noor	Malaysia	Provisional Member

III.K.2 — WG-HIST

No.	Members	Country	Remarks
1.	Dr. Kamran Emami	Iran	Chairman
2.	Mrs. Xuming Tan	China	
3.	Dr. Sinite Yu	Chinese Taipei	
4.	Eng Ahmed Awad Hag Abd-Elnabi	Egypt	
5.	VPH Prof. Dr. Dia El Din Ahmed El Quosy	Egypt	
6.	VPH Dr. Laszlo Hayde	Hungary	
7.	VPH A. Hafied A. Gany	Indonesia	
8.	Mr. Antonio Linoli	Italy	
9.	Prof. N. Hatcho	Japan	
10.	Mr. Ju-Chang Kim	Korea, Rep. of	
11.	Dr. José Luis Martínez Ruiz	Mexico	
12.	Engr. Sirika Ahmad Abubakar	Nigeria	
13.	VPH Dr. Gerhard Backeberg	South Africa	
14.	Dr. Ahmed Adam Ibrahim	Sudan	
15.	VPH Chaiwat Prechawit	Thailand	
16.	Mr. Charles L. Abernethy	United Kingdom	
Permanent Observers			
17.	Dr. Ir. M. Ertsen (IWHHA)		
18.	Dr. Ing. Klaus Rottcher	Germany	
19.	Dr. (Mrs.) B. Dolfing	The Netherlands	

III.K.3 — EB-JOUR

No.	Members	Country	Remarks
1.	PH Bart Schultz	Netherlands	Chair
2.	Prof. Dr. Kristoph-Dietrich Kinzli P.E.	USA	Joint Editor
3.	Dr. Jiusheng Li	China	Joint Editor
4.	VPH Hector Malano	Australia	Editor Emeritus
5.	Prof. Daniele de Wrachien	Italy	Associate Editor
6.	Dr. Nick C. Van de Giesen	Netherlands	Associate Editor
7.	Mr. Bernard Vincent	France	Associate Editor
8.	Dr. Biju George	Australia	Associate Editor
9.	Dr. Henk Ritzema	Netherlands	Associate Editor
10.	Prof. Waldo Ojeda-Bustamante	Mexico	Associate Editor

11.	Prof. Kendall C. DeJonge	USA	Associate Editor
12.	Prof. Saleh Taghvaejan	USA	Associate Editor
13.	Prof. Graziano Chinassi	Italy	Associate Editor
14.	VPH Laszlo Hayde	Hungary	Associate Editor
15.	Dr. Takanori Nagano	Japan	Associate Editor
16.	Dr. Ray-Shyan Wu	Chinese Taipei	Associate Editor
17.	Dr. Mohsin Hafeez	IWMI	Associate Editor
18.	Dr. Poolad Karimi	Iran	Associate Editor
19.	Prof. Jin-Yong Choi	Korea	Associate Editor
20.	Dr. Severine Tomas	France	Associate Editor
21.	Dr. Luis Garcia	USA	Member
22.	VPH Prof. Dr. Dia El Din Ahmed El Quosy	Egypt	Member
23.	Dr. Muhammad Latif	Pakistan	Member
24.	Dr. Marcel Kuper	France	Member
25.	VPH Larry Stephens	USA	Member
26.	Dr. Vijay Labhsetwar (ICID Central Office)	India	Member
27.	Dr. Bryan P. Thoreson	USA	Member
28.	Prof. Yih Chi Tan	Chinese Taipei	Member
29.	Dr. Yohei Sato	Japan	
30.	Prof. Ir. Dr. Mohd Amin bin Mohd Soom	Malaysia	
31.	Dr. Mohammad Javad Monem	Iran	
32.	Prof. Dr.-Ing. Klaus Rottcher	Germany	
33.	Prof. dr. Joong Dae, Choi	Korea	
34.	Mr. Brent Paterson	Canada	
35.	Ir. Simon Howarth	UK	
36.	Er. B.A. Chivate, Director (Tech.)	ICID CO	

III.K.4 — TF-MTD			
No.	Members	Country	Remarks
1.	VPH Dr. Ding Kunlun	China	Chair
2.	Dr Yu-Chuang Chang (WG-IOA)	Chinese Taipei	
3.	Dr. AK Randev, Chair of WG-SON-FARM	India	
4.	Mr. Bernard Vincent, Chair of WG-SDRG	France	
5.	Ms. Mary Jean M. Gabriel, Chair of WG-IDM	South Africa	
6.	VPH Ian Makin, Chair of WG-M&R	Sri Lanka	
7.	Representative of FAO		
8.	Representative of IWMI		
9.	Representative of ADB		

III.K.5 — TF-WWF9			
No.	Members	Country	Remarks
1.	PH Dr. Saeed Nairizi	Iran	Chair
2.	Mr. Alireza Salamat	Iran	Vice Chair
3.	Mr. Dominique Rollin	France	Secretary
4.	PH Dr. Chandra Madramootoo	Canada	
5.	VPH Laurie C. Tollefson	Canada	
6.	VPH Dr. Ding Kunlun	China	
7.	Dr. (Ms) Eman Ragab Nofal – Young Professional	Egypt	
8.	Mr. Anuj Kanwal	India	
9.	Dr. Hossein Dehghanisanij	Iran	Provisional Member
10.	VPH Dr. Shinsuke Ota	Japan	
11.	Mr. Mitsuo Ishijima	Japan	
12.	Dr. Tsugihiko Watanabe	Japan	
13.	Mr Shamsiddin Qurbonov	Uzbekistan	Provisional Member

III.K.5 — WG-VE			
No.	Members	Country	Remarks
1.	Dr. Kamran Emami	Iran	Chair
2.	Mrs. Remziye Yildiz Gulagaci	Turkey	Vice-Chair
3.	Ir. Nor Hisham M. Ghazali	Malaysia	Secretary
4.	VPH Francois Brelle	France	Member
5.	Mr. Suman Sijapati	Nepal	Member
6.	Dr. Toshihiko Kuno	Japan	Member
7.	Dr. Yawen, Chueh	Chinese Taipei	Provisional member
8.	Mr. Delbert M. Smith	USA	Provisional Member

III.O.1 — WG-SON-FARM			
No.	Members	Country	Remarks
1.	Dr. A.K. Randev	India	Chairman
2.	Mr. Carl Walters	Australia	Vice Chair
3.	Mr. Suman Sijapati	Nepal	Secretary
4.	Mr. Yao Bin	China	
5.	Dr. Zhang Guohua - Young Professional	China	
6.	Dr. Yu-Min Wang	Chinese Taipei	
7.	Dr. Chen, Ching-Tien	Chinese Taipei	
8.	Dr. Ibrahim Mohamed Mahmoud	Egypt	
9.	Mr. S.P. Jadhav – Direct Member, JISL	India	
10.	Prof. LB Roy – Direct Member	India	

11.	Mr. Hassan Shantia	Iran	
12.	Dr. Hossein Dehghanisani	Iran	
13.	Dr. Graziano Ghinassi	Italy	
14.	Mr. Taku Mori	Japan	
15.	Prof. Chang Eon Park	Korea, Rep. of	
16.	Dr. Teoh Chin Chuang	Malaysia	
17.	Mr. Bashu Dev Lohanee	Nepal	
18.	Mr. Siboniso Phillip Mkhali	South Africa	
19.	Eng. S. Mohanarajah	Sri Lanka	
20.	Mr. Ömer Faruk Akbulut	Turkey	
Permanent Observers			
21.	Mr. Sher Singh	India	
22.	Mr. M.S. Sudhakar (Direct Member), JISL	India	
23.	Mr. Abijit Joshi (Direct Member), JISL	India	
24.	Dr. Jano Anter	Germany	
25.	Mr. Bruno Molle (ISO)	France	
26.	FAO Representative		

III.O.3 — WG-WATER & CROP			
No.	Members	Country	Remarks
1.	VPH Ragab Ragab	UK	Chair
2.	VPH Laurie C. Tollefson	Canada	Vice-Chair
3.	Dr. K. Yella Reddy	India	Secretary
4.	Ir. Adang Saf Ahmad	Indonesia	Provisional Member
5.	Dr. P. Soman (Direct Member), JISL	India	Provisional Member
6.	Prof. Won-Ho Nam	Korea	Member
7.	Prof. Dr. Zeinab Hussien Behairy	Egypt	Provisional Member
8.	Dr. Chung-Feng, Ding	Chinese Taipei	Member
9.	Dr. Kazumi Yamaoka	Japan	Member
10.	Eng. Karshiyev Rustum Jurayevih	Uzbekistan	Provisional Member
11.	Ir. Felipe Dantas	Australia	Provisional Member
12.	Mr. Syaiful Mahdi	Indonesia	Observer
13.	FAO representative		Permanent Observer
14.	CIGR representative - Mr. Herbert H. Van Lier		Permanent Observer
15.	Prof. D. Wrachien	Italy	Permanent Observer
16.	ICRISAT representative		Permanent Observer

III.O.3 — WG-NCWRI			
No.	Members	Country	Remarks
1.	Dr. (Ms.) Anna Tedeshi	Italy	Chair
2.	Mr. Wu Wenyong	China	Secretary
3.	Dr. Tapas Kumar Biswas	Australia	
4.	Dr. Chihhao Fan	Chinese Taipei	
5.	VPH Dr. Samia El-Guindy	Egypt	
6.	Dr. Mohamed Shaban M. Abu Salama	Egypt	
7.	Dr. Hussein Abdel Halim El Gammal	Egypt	
8.	Dr. Ratan Chand Jain	India	Provisional Member
9.	VPH Dr. Karim Shiati	Iran	
10.	Dr. Tasuku Kato	Japan	
11.	Dr. Seung Heon Lee	Korea, Rep. of	
12.	Mr. Mohamed Ouhssain	Morocco	Provisional Member
13.	Dr. Muhammad Munir Ahmad	Pakistan	
14.	Prof. Leon van Rensburg	South Africa	
15.	VPH Dr. R. Ragab	United Kingdom	
Permanent Observers			
16.	FAO representative		
17.	ICBA representative (UAE)	UAE	

III.S.1 — WG-IDM			
No.	Members	Country	Remarks
1.	Ms. Mary Jean M. Gabriel	South Africa	Chair
2.	Mr. Ahmet Şeren	Turkey	Vice Chair
3.	Dr. Katsuyuki Shimizu	Japan	Secretary
4.	Dr. Amgad Elmahdi	Australia	
5.	Dr. Wu Jingwei	China	
6.	Dr. Ming-Young Jan	Chinese Taipei	
7.	Eng El Sayed El Yamani Ali Sarkees	Egypt	
8.	Dr Eman Ragab Mohamed Nofal - Young Professional	Egypt	
9.	Mr. Waleed Hassan	Egypt	
10.	Eng. Mohammed Omar Makram Afify – Young Professional	Egypt	
11.	VPH Francois Brelle	France	
12.	Prof LB Roy – Direct Member	India	
13.	Dr. Narges Zohrabi	Iran	
14.	Ir. Mat Hussin Bin Ghani	Malaysia	

15.	Mr. Tariq Altaf	Pakistan	
Permanent Observers			
16.	VPH Ian Makin (UK)	UK	
17.	VPH Hafied Gany (Indonesia)	Indonesia	

III.S.2 — WG-IOA			
No.	Members	Country	Remarks
1.	VPH Dr. Hafied Gany	Indonesia	Chairman
2.	Dr. Kazumi Yamaoka	Japan	Vice Chairman
3.	VPH Madhav Belbase	Nepal	Secretary
4.	VPH Ding Kunlun	China	
5.	Dr. Yu-Chuan Chang	Chinese Taipei	
6.	Dr. Seong Joon Kim	Korea, Rep. of	
7.	Mr. Abdullahi Abdul Rahman Ogole	Nigeria	
8.	Dr. Qazi Tallat Mahmood Siddiqui	Pakistan	
9.	Mr. Hasan Basri Yuksel	Turkey	
10.	Mr. Philip J. Riddell	UK	
11.	VPH Franklin Dimick	USA	

III.S.3 — WG-M&R			
No.	Members	Country	Remarks
1.	VPH Ian Makin	UK	Chairman
2.	Dr. Dong Bin	China	Vice Chairman
3.	Engr. Muhammad Sani Bala	Nigeria	Secretary
4.	Dr. Chih-Hung Tan	Chinese Taipei	
5.	Prof. Dr. Tarek Ahmed El-Samman	Egypt	
6.	Dr. Sanjay Belsare	India	
7.	Ir. Eko Subekti	Indonesia	
8.	Mr. Mehrzad Ehsani	Iran	
9.	Mr. Omid Moridnejaad	Iran	
10.	Mr. Ali Omran Ali	Iraq	
11.	Dr. Yohei SATO	Japan	
12.	Dr. Dr. Shinji Fukuda	Japan	
13.	Ms. Kwang-Sik Yoon	Korea, Rep. of	
14.	Mr. Mohd Yazid bin Abdullah	Malaysia	
15.	Mr. Usman-e-Ghani	Pakistan	

16.	Ms. Mona Liza Delos Reyes	Philippines	
17.	Engr. Reyne B. Ugay	Philippines	
18.	Mr. Jan Potgieter	South Africa	
19.	Dr. Brian T. Wahlin	USA	
Permanent Observers			
20.	Mr. Alan Kendall Clark	UK	
21.	FAO Representative- (Ms. Robina Wahaj)		

III.S.4 — WG-RWH			
No.	Members	Country	Remarks
1.	Mr. Geoff Harvey	Australia	Chair
2.	Mr. Michael Smit	Australia	
3.	Ms. Kathleen Heuvel – Young Professional	Australia	
4.	Mr. Warren Helgason	Canada	
5.	Dr. A.K. Randev, Chairman, WG-SON-FARM	India	
6.	Dr. Ratan Chand Jain	India	Provisional Member
7.	Prof. (Ms.) Elena Bresci	Italy	Provisional Member
8.	Mr. Hisham Ghazali	Malaysia	
9.	Mr. Bashu Dev Lohanee	Nepal	
10.	Ms. Mary Jean Gabriel, Chair, WG-IDM	South Africa	
11.	VPH Dr. R. Ragab, Chairman, WG-WATER & CROP	United Kingdom	
12.	Dr. Puspa Raj Khanal (FAO)		

III.S.5 — WG-SDRG			
No.	Members	Country	Remarks
1.	Mr. Bernard Vincent	France	Chairman
2.	Dr. Momon Sodik Imanudin	Indonesia	Vice Chairman
3.	Ms. Wang Shaoli	China	
4.	Dr. Ashraf El Sayed Ismail	Egypt	
5.	Eng. Mohamed Saleh El-Basyony	Egypt	
6.	Eng. Maiada Mohamed Anwar	Egypt	
7.	Eng. Dina Mahmoud Mohamed Ali - Young Professional	Egypt	
8.	Mr. Mati Tonismae	Estonia	
9.	Ms. Helena Aijo	Finland	

10.	Dr. Gurbachan Singh	India	
11.	Prof. LB Roy – Direct Member	India	
12.	Dr. Ratan Chand Jain	India	Provisional Member
13.	Mr. Ardavan Azari	Iran	
14.	VPH Shinsuke Ota	Japan	
15.	Dr. (Ms.) Naoko Koshiyama	Japan	
16.	Dr. Natsuki Yoshikawa	Japan	Provisional Member
17.	Prof. Seong Joon Kim	Korea, Rep. of	
18.	Ir. Mohd Anuar Musardar bin Yusoff	Malaysia	
19.	Dr. Henk Ritzema	Netherlands	
20.	Mr. Fazal Rehman Kashif	Pakistan	
21.	Dr. Yurii Yanko	Russia	
22.	Prof. Aidan Senzanje	South Africa	
23.	Dr. James Ayars	USA	

Permanent Observers			
20.	Mr. S.P. Jadhav – Direct Member, JISL	India	
21.	IWMI Representative- Mr. Ian W. Makin	UK	
22.	FAO Representative- (Ms. Robina Wahaj)		

Note: Secretary General, ICID or his representative will be Member of each WG or TF.

Strategy Themes: B - Basin; K - Knowledge; O - On-Farm; S - Schemes



III.S.6 — WG-WATS			
No.	Members	Country	Remarks
1.	Mr. Mehrzad Ehsani	Iran	Chairman
2.	VPH Adama Sangare	Mali	Vice Chairman
3.	Mr. Mortaza Yazdekhashti - Young Professional	Iran	Secretary
4.	Ir. Felipe Dantas	Australia	Provisional Member
5.	Ms. Jianxin Mu	China	
6.	Dr Ray Shyan Wu	Chinese Taipei	
7.	VPH M. Hassan Amer	Egypt	
8.	Eng (Ms.) Hala Ramadan El-Sayed Ismail	Egypt	
9.	Dr Mohamed El-Hagarey	Egypt	
10.	Dr. P. Soman – Direct Member, Jain Irrigation Systems Limited (JISL)	India	
11.	Mr. Abijit Joshi – Direct Member, JISL	India	
12.	Prof. Michele Perniola	Italy	
13.	Dr. Tasuku Kato	Japan	
14.	Prof. (Ms.) Kyung-Sook Choi	Korea, Rep. of	
15.	Dr. Ashfaq Ahmed Sheikh	Pakistan	
16.	Dr. Joe Stevens	South Africa	
17.	Eng. S. Mohanarajah	Sri Lanka	
18.	Mr. Yalçin Dalgin	Turkey	
19.	Isomiddin Akramov	Uzbekistan	Provisional Member

**Report of the 40th Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
05 September 2019: 09:00-11:00 hours (Session I)
05 September 2019: 11:15-13:15 hours (Session II)
Bali, Indonesia**

Members Present: (1) Vice President Hon. Laurie Tollefson, Chairman (Canada, 2014); (2) Vice President Mr. Naoki Hayashida (Japan, 2014); (3) Vice President Dr. Irene Bondarik (Russia, 2014); (4) Vice President Engr. Husnain Ahmad (Pakistan, 2014), Represented By Mr. Waseem Nazir (Pakistan); (5) Mr. Ali Reza Salamat (Iran, 2016); (6) Dr. Marco Arcieri (Italy, 2017); (7) Prof. Mohamed Benmoussa (Morocco, 2018); (8) Mr. Gao Lihui, (China, 2019); and (9) Er. Ashwin Kumar Balwantray Pandya, Secretary General, ICID.

Observers Present: (1) Eng. Felix Britz Reinders (South Africa); (2) Dr. Saeed Nairizi (Iran); (3) Mr. Bryan Ward (Australia); (4) Mr. Kenji Miyagawa (Japan); and (5) Er. Harish Kumar Varma, Executive Director, ICID.

General Note: Conversion rate of US\$ versus INR(₹) (Indian Rupee) used in the budget and forecasts –

1. A conversion rate of US\$1 = ₹ 65 was assumed in the forecast for the FY 2018-19 on the basis of the exchange rate in the preceding 15 months commencing from April 2017 to June 2018. Subscriptions actually received were, of course, converted based on the prevalent rate. The difference in the subscription budgeted receipts and the subscription actual receipts due to change in the exchange rate are accounted for as part of 'Other Receipts'
2. Based upon average exchange rate of US\$ 1 for the last fifteen months from April 2018 to June 2019, an exchange rate of US\$ 1 = ₹ 70 has been assumed for the Revised Budget (proposed) for the FY 2019-2020, Budget for FY 2020-21 and Preliminary Budget for 2021-2022 and Forecast Budget for the FY 2022-2023.

PFC Minutes Item 1: Review of the Membership of the Committee

3. PFC noted and recommended for approval of two new nominations of Mr. Delbert M. Smith, P.E., USA NC (USCID) and Mr. Gao Lihui, China NC (CNCID).
4. PFC noted that the term of the Chairman of PFC, Vice President Hon. Laurie Tollefson will be coming to an end with the conclusion of 71st Executive Council meeting (IEC) at Sydney, Australia in September 2020. As per ICID By-laws 3,9,3(b), "The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Committee at the time of appointment of the Chairperson". The Committee deliberated on the matter and decided to elect VP Dr Marco Arcieri (Italy) as Vice Chairman as PFC Chair in 2020. IEC approved election of Vp Dr Marco Arcieri as Vice Chair, who will take over as Chairman PFC during the next meeting of the Committee at Sydney, Australia in September 2020 for a smooth transition.

PFC Minutes Item 2: Report of the Direct Membership Administering (DMA) Sub-Committee

5. Based on the report of DMA Sub-committee, the PFC recommended and IEC approved the following as Direct Members of ICID.

Sl. No.	Name of Applicant	Country	Type of Membership Applied for
1.	Maharashtra Water Resources Regulatory Authority (MWRPA)	India	The institution (3 years)
2.	Ningbo Yaofeng Hydraulic Electrics Co. Ltd.	China	Company (3 years)
3.	Prof. (Dr.) Mitthan Lal Kansal	India	Individual (Life Membership)
4.	Dr. Ajay Pradhan	India	Individual (Life Membership)
5.	Agricultural Growth of Rural India (AGRI)	India	The institution (1 Year)

6. The aspect of request of Islamic Development Bank (IsDB), who are also desirous of becoming an institutional member of ICID as a life member was discussed in detail. It was the general consensus that the membership of IsDB can be approved once they pay the fees for an initial term of 3 years as per the usual practice. In the meanwhile, the issue of the life membership for an institution category direct member can be decided by a Task Force. Some Members were of the view that while the life membership can be granted, the subscription payments can be made

every three years or for a longer period with the discounts as being offered now. The longer period between subscription payments can also be considered. The Committee recommended to IEC that all these aspects can be considered by the task force and can come up with the recommended approach. VP Dr. Marco Arcieri was proposed for chairing the Task Force with Secretary General as the member secretary. Other members will be included with the advise of the President, ICID. The recommendations of the task force will be brought up to PFC and further action then on can be taken. IEC in its meeting on 7 September 2019 approved setting up of the Task Force.

PFC Minutes Item 3: Review of the position of arrears of annual subscriptions from NCs and Membership status

7. PFC noted with regret that National Committees of Chad, Ethiopia and Niger continue to be in membership subscription arrears of three years, besides the membership subscription for the year 2019 so far. Several requests have been made to these NCs to clear their balance of subscription. PFC considered and recommended to IEC to apply By-law 13.2 to above National Committees declaring them as “Associate Members” from 1st January 2020 if their dues are not cleared by 31st December 2019. IEC approved the recommendation PFC.

8. *Slovenia* has not cleared their membership dues for two years 2017 and 2018. PFC considered and recommended IEC to apply By-law 13.1 to these National Committees debarring them from holding office whether it be as Office Bearer or as a member of a work body until such time the arrears are paid, which was approved by IEC. However, PFC noted that *Ukraine* has cleared their membership subscription which were due for two years 2017 and 2018. For the year 2019, their membership dues are yet to be received in both cases.

9. In case of Tajikistan, arrears are existing for the past years 2015 and 2016. However, they have paid their subscription for the years 2019. PFC recommended that the pursuation may be continued with the National Committee to clear their dues for the past gap period.

10. PFC noted with appreciation that The Saudi Arabian National Committee (SACID) has cleared their dues of US\$ 21,865 up to 2018 even after being associate member and now is an active member of ICID. PFC and IEC welcomed Saudi Arabia as active Member of ICID.

11. PFC was informed that Interest has been expressed by Senegal and Mongolia for obtaining membership of ICID and appropriate documents have been provided to them with the explanation to initiate action for the membership.

PFC Minutes Item 4: Review of the financial status of recently held ICID events

PFC Minutes Item 4.1: 68th IEC and 23rd Congress, Mexico, 08-14 October 2017

12. PFC appreciated and thanked Mexican National Committee of International Commission on Irrigation and Drainage (MXCID) to make a special contribution to ICID budget amounting to US\$ 57,419/-, 35% share of US \$ 1,64,055/- out of from the registration fee collected for the 68th IEC and 23rd Congress meetings held in Mexico City, Mexico held during 08-14 October 2017.

PFC Minutes Item 4.2: 8th Asian Regional Conference, Kathmandu, Nepal 02-04 May 2018

13. PFC thanked The Nepal National Committee of ICID (NENCID) for committing to make special contribution to ICID budget amounting to 5% share from the registration fee collected of the 8th Asian Regional Conference (ARC) held in Kathmandu, Nepal from 02-04 May 2018. The Committee recommends that IEC may like to record its appreciation to NENCID for the successful organization of 8th Asian Regional Conference (ARC).

PFC Minutes Item 4.3: 69th IEC, Saskatoon, Saskatchewan, Canada, 12-17 August 2018

14. PFC appreciated and thanked Canadian National Committee of International Commission on Irrigation and Drainage (CANCID) to make a special contribution to ICID budget amounting to US \$ 30,217/- equivalent to 15% of the registration fee collected for the 69th IEC meeting held in Saskatoon, Saskatchewan, Canada held during 12-17 August 2018.

PFC Minutes Item 4.4: 9th International Micro Irrigation Conference, Aurangabad, Maharashtra, India, 16-18 January 2019

15. PFC thanked the commitment of The Indian National Committee on Surface Water of International Commission on Irrigation and Drainage (INCSW) for making a special contribution to ICID budget amounting to 5% share from the registration fee collected for the 9th International Micro Irrigation Conference, Aurangabad, Maharashtra, India held during 16-18 January 2019.

PFC Minutes Item 5: Financial proposals for the forthcoming ICID events

16. PFC noted that the financial arrangements for the 71st IEC and 24th Congress, Sydney, Australia, 22-28 September 2020 were already approved as per minutes of the 37th meeting of the PFC of 67th IEC Meeting.

17. PFC also noted that the financial arrangements for the 5th African Regional Conference (5AfRC) at Rabat, Morocco in March 2020 were approved as per minutes of the 39th meeting of the PFC of 69 IEC Meeting. PFC was informed that MB in its meeting held in April 2019 at Rabat, Morocco considered ANAFIDE's request for changing the venue to Markesh from initially approved venue of Rabat.

18. Registration fee structure of these events are reproduced below in a tabular format.

Venue / Year	Sydney, Australia, September 2020	Marrakech, Morocco, March 2020
Event	71st IEC and 24th Congress	5 th African Region Conference
		Revised Rate*
Full Registration	\$ 800	\$ 350
Non-Member Fee	\$ 900	\$ 400
Young Professional (International)	\$ 400	\$ 175
Young Professional (Local)	--	\$ 100
Local Delegates	\$ 800	\$ 150
Retired Professionals (International)	\$ 400	\$ 150
Retired Professional (Local)	--	\$ 150
Accompanying Persons (International)	\$ 300	\$ 150
Accompanying Persons (Local)	--	\$ 150
Delegates from Low Income	--	\$ 300
*As approved in 39 th Meeting of PFC (69 th IEC)		

19. It was informed by Mr. Bryan Ward IACID that the early bird discounts of USD 50 have been provided till March 2020. The fee structure was noted. PFC was informed that the support for YPs as per the existing norms will be provided by the Central Office.

PFC Minutes Item 6: To discuss the audited accounts of ICID for the year 2018-2019 and recommend to the IEC

20. The Committee considered the Audit Report of M/s P.K. Chopra & Co., Statutory Auditors for the financial year 2018-2019 presented in **Annex 1, page 7** of PFC agenda notes. The PFC having been satisfied with the report, recommended that the Audit Report for the FY 2018-2019 submitted by M/s P.K. Chopra & Co., be approved.

21. The Committee observed that the arrears of subscriptions during the current year represent the normal time lag in remittance of subscription by NCs.

PFC Minutes Item 7: Budget and Expenditure for the FY 2018-2019

22. The Committee noted that there has been an overall surplus of ₹13.64 million (US\$ 209,914) against a surplus of ₹ 7.05 million (US\$ 108,492) envisaged in the approved revised budget for the year 2018-2019.

23. The Committee noted with appreciation that during the financial year 2018-2019 an amount of ₹ 0.34 million (US\$ 5,000) was received in March 2019 as a Special Subscription for technical support of activating YP Activities from Japan National Committee of International Commission on Irrigation and Drainage (JNC-ICID), Japan.

24. The Committee also noted with gratitude a sum of US\$ 20,000 out of US\$ 25,250 received in October 2018 as a Special Subscription from Food and Agriculture Organisation (FAO) for organizing a study tour on Solar Powered Irrigation Systems for FAO delegation to highlight good practices, gain insights into how the potential of SPIS is realized (through targeted policies, innovative financing and user arrangements, etc., to promote and regulate such systems) and how risks are addressed. The study was fully completed by 30th June 2019 and balance payment also received.

25. Suggestions were made for providing extra services to least Developed Countries (LDCs) out of the surpluses generated. The matter may be considered for charting out the course of action in the aspect in future.

PFC Minutes Item 8: To consider revised budget proposal for the current FY 2019-2020; budget proposal for FY 2020-2021; preliminary budgets for FY 2021-2022 and forecast budget for FY 2022-2023

26. The Committee considered the revised budget for the FY 2019-2020 and the budget proposal for the FY 2020-2021, preliminary budget for 2021-2022 and forecast budget for 2022-2023. PFC noted that the increase in the income projected are largely due to increase in rental comce from the central building. The Committee also noted that there is no deficit in proposed revised budget against approved budget 2019-2020. PFC appreciated the financial management of the Central Office for maintaining a healthy situation for future.

27. The PFC appreciated the efforts of the Central Office in maintaining Gratuity Fund and Leave Encashment Fund as per requirement of Government of India.

28. The committee recommended and IEC approved the revised budget for FY 2019-2020 and the proposed budget for FY 2019-2020, presented in **Annex 2** and also noted the preliminary budget for FY 2021-2022 and forcast budget for 2022-2023. There are various initiatives in pipelines which will be reflected in the proposals in the future years as and when they materialize.

PFC Minutes Item 9: Surplus/Deficit and Cash Reserves

29. The Committee noted that the Cash Reserves as at the beginning of the FY 2019-2020 were INR 42.11 million (US \$ 647,854) considering Cash, Bank and Investments. The reserves for the previous year of 2018-2019 were INR 40.38 Million (US\$ 621,230). The Committee appreciated the endeavours to improve the cash reserve vis-à-vis annual expenditure on an incremental basis.

PFC Minutes Item 10: Report of the Task Team to look into Financial Aspects of Special Contribution to ICID Budget from ICID Events (TT-FASCIB)

30. The Committee perceived that in compliance with the decision of 69th International Executive Council (IEC) Meeting held on 17th August 2018 (Resolution IEC-2/69, Saskatoon, Canada), a Task Team to look into Financial Aspects of Special Contribution to ICID Budget (TF-FASCIB) from ICID Events was set up, with the approval of the Management Board (MB) at its fourth virtual meeting (4/18) held on 01 November 2018.

31. The PFC also observed The Terms of Reference (ToRs) of the TF-FASCIB are as follows: (i) To look into the financial aspect of special contribution to ICID budget from ICID Events in the form of share of registration fees etc. and its implications, commensurate with the inputs from ICID Central Office towards the successful organization of the ICID events, and (ii) To evaluate the need, consequences and benefit of approving the initial registration fee in the local currency of host NC organizing the event and later converting it into US Dollar at the time of opening up of registration for a particular event to the public.

32. The PFC also noted that Virtual Meeting of the TF was organized on 27 June 2019 where SG Ashwin Pandya presented brief details of the background of setting up of the Task Team, past and present practices in respect of share of ICID from registration fees and status of contribution received by ICID from various events.

33. The PFC appreciated that the TF deliberated on the issue and in the light of background information, actual realization of special contribution to ICID budget from events and input provided by the ICID CO in organizing events and noted recommendation to continue with the present share of contribution from ICID events as indicated below.

34. 35 percent for IEC with World Irrigation Forum and Congress

35. 15 percent in case of ordinary IEC with or without regional conference

36. 5 percent in case of stand-alone Regional Conferences, International Workshops, Symposiums etc.

37. The PFC also noted and agreed with the opinion of the TT that generally registration is completed by the participants during last 4-5 months, mainly around last date for early bird discount. Thus, fixing registration fee in local currency or in USD may not have significant financial impact hence, continue with approving registration fee in USD as at present.

38. In view of the recommendations of the TT, PFC after deliberation approved to continue with the present share of contribtion from ICID events as indicated in para 33 above, which was subsequently also approved by IEC in its meeting held on 7 September 2019..

39. During deliberation, Chair C-CONGR pointed out the need for relook at the fixing of the fee structure once again in view of the fact that presently we have no bid for the 2023 congress which is the indication towards the

financial pressure being felt by the organizing committees of various countries. It was opined that the events have to generate adequate support from the sponsorships and exhibition and other areas for ensuring the financial viability. After extensive discussions, it was decided that the task force may continue to have a look at the options available with a short turnaround time for ensuring offers for the future events for ICID.

PFC Minutes Item 11: Report of the Special Task Force on Independent Service Unit (ISU)

40. The 69th IEC meeting held at Saskatoon in August 2018 vide Resolution IEC-1/69 has granted an 'in principle' approval for the development of a detailed project proposal and obtain necessary statutory approvals for potential launch of ISU as part of 70th year celebrations of ICID. Accordingly, ICID CO engaged SGH Mr. Avinash C. Tyagi to prepare detailed proposal for Techno-economic viability of Independent Service Unit (ISU) of ICID and M/s. U. Shankar and Associates to undertake registration process of Independent Service Unit (ISU) of ICID.

41. PFC noted that based on responses received from NCs to the questionnaire, feedback and suggestions received from NCs during virtual meeting with them and discussions with representatives of International organisations, draft final report of detailed proposal of ISU was finalized and put up to STF-ISU for discussion in its meeting held on 23 May 2019. STF-ISU approved the report with few suggestions which were incorporated in the final report of ISU. Final report of Detailed proposal of ISU was circulated to the members of the STF and Office Bearers for their views and suggestions, if any.

42. PFC further noted that taking into account the concerns raised and suggestions made by the some members of STF and Office Bearers, further consultations were made with the financial advisors and other Taxation experts who were of the view that presently establishment of a independent unit is not essential. Alternatively, in light of the new amendments made by the Indian Government, an NGO (ICID falls under this category) can undertake the work on fee based services and undertake such works to the extent of 20% of ICID receipts during the previous year for generating incidental income. Accordingly it is proposed to adopt a phased approach for Service Unit (SU).

43. PFC was informed that based on the discussions with the experts, following two phases for providing services by ICID are suggested :

- a. **Phase I:** Start ISU as a Service Unit (SU) of ICID and provide services to our stakeholder for generating incidental income up to the extent of 20% of total receipts of ICID.
- b. **Phase II:** Once SU reaches a turnover to the extent of 20% of ICID receipts in a year (likely period of this phase is 3-4 years), incorporate ISU as a separate legal entity under Indian Companies Act as suggested in the DPR, if considered necessary, otherwise.

44. PFC after deliberation agreed and recommended to adopt phased approach for setting up of Service Unit as indicated in para 43 above. PFC appreciated that the registration process of ISU has been put on hold for the time being.

45. The matter was discussed in great details and opinion was expressed by VP Waseem Nazir that unless the rules of operation and other details are codified, the implementation process may be put on hold. However, it was pointed out by Chairman of STF and others that the establishment of SU as proposed needs to be approved in principle with the requirement that the operationalization of the same can be started only after the suggested details are defined and approved. The announcement of intent will help in generating interest amongst NCs and will enable various potential partners and NCs to come forward with the specific conditions and requirements which will help in building the rules of operation. NCs and other members were once again requested for providing their views on the basis of the documents circulated and suggest modifications therein for appropriately incorporating the same. TF may continue to monitor the initiative and provide guidance and approvals for further course of action on the above lines.

46. Based on the deliberations, PFC recommended and IEC approved the following:

- (a) In-principle approval for establishment of service unit within ICID along with proposed staff
- (b) To develop rules of operation and other details including operating procedure
- (c) SU to start operation only when rules and regulations are in place
- (d) To establish Service Advisory Group as proposed in the proposal to guide and monitor development of rules and regulations and further action in the matter

PFC Minutes Item 12: Report on the Status of addition to CO Building for financial sustainability of ICID

47. The PFC was informed that during the MB 4/15 meeting, post-66th IEC (4/15) in Montpellier, the President suggested to explore feasibility of expanding the Covered area of ICID Central Office Building. Subsequently, based on the approval of the Management Board in its meeting held on 5 July 2018 (MB-2/18), M/s Deependra Prashad Architects & Planners (DPAP) was engaged in August 2018 for Architectural Consultancy and Liaison works.

48. The PFC noted that MB in its meeting held on 12 April 2019 at Rabat, Morocco (MB-1/19) considered various options for extension of the CO building received from M/s DPAP and MB approved the option which will create more additional area of about 3324 sq. m (FAR-2405 sq m, Non-FAR-919 sq. m) so as to get more revenue by renting out the additional available area.

49. The PFC was informed that as advised by the MB, the issue of securing loan for expansion of CO building was also explored with the Banks and further consultations have been made with the Architect to firm up the design and layout. During discussions with the Banks, it transpired that the Banks will be providing loans up to 75% of the estimated cost which is presently approx. Rupees 140 million.

50. The PFC noted that it is expected that all statutory approvals may be obtained by 31 December 2019 and then tender for construction new building would be invited. Actual construction of the building is likely to start during April 2020 and the work shall be completed in 18 months' time. As per preliminary construction planning, 70% expenditure (Rs.100 million) will be done during the financial year 2020-21 and rest 30% (Rs.40 million) during the financial year 2021-2022.

51. At present, the financial institutions have provided the estimated rates of interest and terms of repayment of loans. The firm offer of terms will be provided by them only after the submission of the approved plans from the statutory authorities. The PFC took note of the progress and suggested that the exact financial implications once in hand, may be put up to the PFC for examination and approvals.

PFC Minutes Item 13: Miscellaneous Financial Issues

The PFC noted that ICID has already shifted PF accounts of its staff members to Employees' Provident Fund Organisation (EPFO) w.e.f. 01 April 2013. ICID EPF Trust has paid all dues to its members. PFC noted that the the process of dissolution of ICID EPF Trust is under progress. As per income tax department notices, liability for AY 2014-2015 & 2015-2016 is about of ₹ 03.81 million (US\$ 54,429) and case is under appeal with IT Department.

PFC Minutes Item 14: Any Other Business

The Permanant Finance Committee noted with appreciation the constant and sincere efforts of Central Office, ICID for revitalising registration under Foreign Contribution Regulation Act (FCRA) (renewal / restoration / fresh application).



**Report of the 30th Meeting of the
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)**

05 September 2019, 14.00-18.15 hours
Bali, Indonesia

Mandate: The Permanent Committee on Strategy and Organization (PCSO) shall be concerned with increasing the number of member countries and assisting the National Committees to become more active in their own countries to achieve the goals set for them from time to time by the Council. The Committee will also coordinate the activities of Vice Presidents (Resolution IEC-3/66)

Members Present: (1) Vice President Dr. Brian T. Wahlin, Chairman (USA, 2017); (2) Mr. Amali Abraham Amali, Coordinator, IYPeF, Vice Chair (Nigeria); (3) Vice President Hon. Prof. Dr. Charlotte de Fraiture (The Netherlands, 2015); (4) Vice President Hon. Mr. Ian William Makin (UK, 2015); (5) Vice President Hon. Prof. Dr. Abdelhafid Debbarh (Morocco, 2015); (6) Vice President Dr. (Mrs.) Irena G. Bondarik (Russia, 2016); (7) Vice President Mr. Waseem Nazir (Pakistan, 2016); (8) Vice President Er. Madhav Belbase (Nepal, 2016); (9) Vice President Er. Naoki Hayashida (Japan, 2017); (10) Vice President Dr. K. Yella Reddy (India, 2017); (11) Vice President Dr. Marco Arcieri (Italy, 2018); (12) Vice President Dr. Kamran Emami (Iran, 2018); (13) Vice President Mr. Ahmed El Bouari (Morocco, 2018) and (14) Er. Ashwin B. Pandya, Secretary General, ICID.

Permanent Observers Present: (i) FAO representative; (ii) World Bank representative; (iii) GWP representative; and (iv) WWC representative.

Ex-Officio Members Present: (1) VPH Dr. Mohamed Wahba, Chairman, African Regional Working Group (AFRWG); (2) Chair/Representative, American Regional Working Group (AMRWG); (3) VPH Dr. Karim Shitati, Chairman, Asian Regional Working Group (ASRWG); (4) VPH Ian Makin, Chairman, European Regional Working Group (ERWG) and (5) Mr. Bryan Ward, Chairman, Committee on Congresses/Conferences (C-CONGR).

PCSO Minutes Item 1: ATR on the Minutes of the 29th Meeting of PCSO

1. The Committee noted the Action Taken Report (ATR) and approved the same.

PCSO Minutes Item 2: Membership of PCSO and its Workbodies

2. Based on the recommendations of the various workbodies associated with it, PCSO reviewed the membership and recommended for acceptance by IEC. Consequent upon the acceptance by the Council, an updated consolidated membership of all workbodies, including those of PCSO and its workbodies, is given in **Annex 4 (Page 27)** of 70th IEC minutes.

PCSO Minutes Item 3: Membership of ICID

PCSO Minutes Item 3.1: Status of ICID Memberships and Reactivation of Associate Members

3. The Committee recommended that concerned young professionals may be requested to make more efforts towards strengthening NCs and establishing NCs in countries, where there is none.

4. The Committee recommended that continuous efforts on Latin America and African Continent to be on board. Communication with Central Asian countries by the Central Office was also recommended by the Committee.

PCSO Minutes Item 3.2: Vice Presidents' reports: Strengthening regional cooperation and activities of National Committees

5. The Committee noted the role of Vice Presidents in strengthening the regional cooperation and activities of National Committees allocated to them, and expressed satisfaction. The Committee appreciated the efforts of VPs Dr. Irene Bondarik, Waseem Nazir, Madhav Belbase, Marco Arcieri, VPH Mohamed Wahba, and the NCs of CNCID, CTCID, ENCID, INACID, IRNCID, KCID, NENCID, SLANCID and TAJCID for their efforts in furthering the membership of ICID through their contacts and regional cooperation amongst the NCs.

6. VP Dr. Irene Bondarik made efforts to contact Lithuania. Efforts need to be made with the national governments. Serbia has responded positively to clear the outstanding fees and on her way to reactivation. By attending a conference in Georgia in June 2019, VP Bondarik informed that Georgia would make efforts to pay the subscription. Planned international conferences in Poland and Moscow will provide an opportunity to network and utilize the contacts already established with the Polish delegation. Documents have been circulated to Mongolia and now awaiting them to set up a National Committee.

7. The Committee recommended that the African Young Water Professionals Forum should open doors for other countries as well as have representation from non-active/existent National Committees at training sessions. The Minister for environment of Rwanda was contacted at the 9th Micro Irrigation Conference and awaiting further actions from them.

8. Saudi Arabia is now activated. The Jordan and Kuwait are yet to join ICID despite efforts by VP Waseem Nazir. The Islamic Development Bank (IsDB) is now a direct member and the Committee recommended their efforts in establishing National Committees in member countries of IsDB. The Committee also recommended the need to have more institutional members of the ICID.

PCSO Minutes Item 3.3: Recommendations of the Direct Membership Administering (DMA) – Sub Committee

9. The Committee noted and approved the proposal for granting Direct Membership to the following new applicants, as per the recommendations of DMA Sub-Committee.

Sl. No.	Name of Applicants	Country	Type of Membership Applied for
1.	Maharashtra Water Resources Regulatory Authority (MWRPA)	India	Institution (3 years)
2.	Ningbo Yaofeng Hydraulic Electrics Co. Ltd.	China	Company (3 years)
3.	Islamic Development Bank (IsDB)	Saudi Arabia	Institution (3 years)
4.	Agricultural Growth of Rural India (AGRI)	India	Institution (1 year)
5.	Prof. (Dr.) Mitthan Lal Kansal	India	Individual (Life Membership)
6.	Dr. Ajay Pradhan	India	Individual (Life Membership)

PCSO Minutes Item 4: Road Map to ICID Vision 2030: Review of the Action Plan 2017-2021

10. The Committee noted that the activities identified by WGs, RWGs, NCs, and ICID CO in the Action Plan 2018-22 and reviewed the progress made so far.

PCSO Minutes Item 5: Knowledge Management Strategy (KMS)

11. The Committee recommended continuing the activities of ICID under KMS.

PCSO Minutes Item 6: Independent Service Unit (ISU) - Relevance to ICID Mission

12. While awaiting suggestions from NCs, the Committee discussed and recommended that the proposed ISU should not become a commercial activity but remain visible while helping the ICID to become financially stable.

PCSO Minutes Item 7: Collaboration and Cooperation between ICID and other International Organizations

13. The Committee appreciated the increasing cooperation with International Organizations and collaborative activities undertaken during the year 2018-19. CSIRO Australia has had good collaborative activities with Basin Futures through Webinars and had requested to join congress. The Islamic Development Bank is also rolling out a program for capacity development in collaboration with ICID.

PCSO Minutes Item 8: Review of reports of Regional Working Groups (RWGs)

PCSO Minutes Item 8.1: African Regional Working Group (AFRWG)

14. VPH Dr. Mohamed Wahba, Chair of AFRWG presented its report and based on the report, the Committee recommended that African NCs should establish Young Professional Forums at National Level. The Committee also recommended that the 2nd Training Program should include diverse participants from more African countries.

PCSO Minutes Item 8.2: American Regional Working Group (AMRWG)

15. The Chair/Representative of AMRWG presented its report and the Committee recommended continuous translation in Spanish as a way to encourage participation of more National Committees.

16. The Committee requested Dr. Warren Helgason (CANCID), Interim Chair, AMRWG to lead the promotional activities during 2019-2020 and provide a report in the next meeting in 2020.

PCSO Minutes Item 8.3: Asian Regional Working Group (ASRWG)

17. VPH Dr. Karim Shitati, Chair of ASRWG presented its report and based on the report, the Committee recommended the need to continually organize internal workshops.

PCSO Minutes Item 8.4: European Regional Working Group (ERWG)

18. VPH Ian Makin, Chair of ERWG presented its report and based on the report, the Committee recommended with the proposed Webinar meeting to be held in October to provide updates to those who were unable to attend WIF3 as well as holding international workshops. The Committee also recommended further actions with the planned regional conference.

PCSO Minutes Item 9: Review of reports of Working Groups/Committees**PCSO Minutes Item 9.1: Committee on Congresses/Conferences (C-CONGR)**

19. Mr. Bryan Ward, Chair presented its report and based on the report, the Committee recommended that from lessons learned during the WIF3, especially with logistical issues such as online registration, bank transfers and registration kits, the National Committees would need a period of at least 3 years to plan for such an event in future. This was reiterated by experience from the 69th IEC held at Saskatoon Canada. The Committee also recommended the need to have representations from the previous hosting country and the next hosting country to be included in the local organizing committee of the present country scheduled to host an ICID event. Proposals from Morocco to host the 10th Micro Irrigation Conference in Agadir, Morocco and from the Chinese National Committee to host the 4th World Irrigation Forum were recommended for approval.

20. Based on the report of C-CONGR, the Committee recommended that young professionals should be represented in the Local Organizing Committee of Congresses/Conferences as well as to review the fee contribution by host national committees to ICID.

PCSO Minutes Item 9.2: ICID Young Professional's e-Forum (IYPeF)

21. Mr. Amali Abraham Amali, Coordinator, IYPeF presented its report and based on the report. The activity base of IYPeF needs to be expanded to involve more members into the fold. The committee also noted the activeness of Young Professionals during the WIF3 and recommended the need to continuously encourage them. The revised IYPeF scheme should also be reviewed to strengthen the participation and to guide the conduct of Young Professionals in e-discussions.

PCSO Minutes Item 10: Organizational issues related to IEC, Congresses, Forums and Conferences**PCSO Minutes Item 10.1: Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)**

22. The Chair of the Sub-Committee, PH Dr. Gao Zhanyi was absent, and hence, his report could not be presented at the meeting.

PCSO Minutes Item 11: Any other business

23. No other business.



Report of the 39th Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
 06 September 2019, 09.00-18.15 hours
 Bali, Indonesia

Mandate: The Permanent Committee for Technical Activities (PCTA) shall be concerned with all the technical activities of the Commission including all publications of ICID. It will be responsible for activities of the technical work bodies, for selection of Questions/Themes for Congresses, Conferences, Special Sessions, Symposia, etc., for settlement of the technical conclusions thereof and for making appropriate recommendations for action thereon.

Members Present: (1) Vice President Hon. Dr. Ding Kunlun, Chairman (China, 2015); (2) President Hon. Mr. Peter S. Lee (UK, 2013); (3) Vice President Hon. Mr. Chaiwat Prechawit (Thailand, 2014); (4) Vice President Hon. Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (5) Mr. Ali Reza Salamat (Iran, 2015); (6) Dr. Tsugihiko Watanabe (Japan, 2018); (7) VP Dr. Brian T. Wahlin (USA, 2018) and (8) Er. Ashwin B. Pandya, Secretary General, ICID

Ex-Officio Members Present: (i) VP Er. Naoki Hayashida (Japan), Co-Theme Leader, Strategy Theme – Basin; (ii) VP Dr. Kamran Emami (Iran), Co-Theme Leader, Strategy Theme – Basin; (iii) VP Mr. Waseem Nazir (Pakistan), Co-Theme Leader, Strategy Theme – Knowledge; (iv) VP Dr. Brian T. Wahlin (USA), Co-Theme Leader, Strategy Theme – Knowledge; (v) VP Irene G. Bondarik (Russia), Co-Theme Leader, Strategy Theme – Schemes; (vi) VP Dr. Marco Arcieri (Italy), Co-Theme Leader, Strategy Theme – Schemes; (vii) VP Mr. Ahmed El-Bouari (Morocco), Co-Theme Leader, Strategy Theme – Schemes; (viii) VP Er. Madhav Belbase (Nepal), Co-Theme Leader, Strategy Theme – On- Farm; (ix) VP Dr. K. Yella Reddy (India), Co-Theme Leader, Strategy Theme – On-Farm; (x) Dr. Tsugihiko Watanabe (Japan), Chair, WG-CLIMATE; (xi) Dr. Shukhrat Mukhamedjanov (Uzbekistan), Chair, WG-IDSST; (xii) Mr. Michael van der Laan (South Africa) representing Chair, WG-ENV; (xiii) Mr. Clarke Ballard (Australia) representing Chair, WG-MWSCD; (xiv) Dr. Ruey-Chy Kao (Chinese Taipei), Chair, WG-SDTA; (xv) PH Prof. Bart Schultz (The Netherlands), Chair, EB-JOUR; (xvi) PH Dr. Saeed Nairizi (Iran), Chair, TF-WWF9; (xvii) VP Dr. Kamran Emami (Iran), Chair, WG-VE; (xviii) Dr. A.K. Randev, Chair, WG-SON-FARM; (xix) VPH Dr. Ragab Ragab (UK), Chair, WG-WATER & CROP; (xx) Ms. Mary Jean M. Gabriel (South Africa), Chair, WG-IDM; (xxi) VPH Dr. Hafied Gany (Indonesia), Chair, WG-IOA; (xxii) VPH Mr. Ian Makin (UK), Chair, WG-M&R; (xxiii) Mr. Geoff Harvey (Australia), Chair, WG-RWH; (xxiv) Mr. Bernard Vincent (France), Chair, WG-SDRG and (xxv) Mr. Mehrzad Ehsani (Iran), Chair, WG-WATS.

Observers: (i) President Felix B. Reinders (South Africa); (ii) PH Dr. Dr. Chandra A. Madramootoo (Canada); (iii) VPH Mr. Larry D. Stephens (USA); (iv) VPH Laurie Tollefson (Canada); (v) Dr. Shavkat Khamraev (Uzbekistan); (vi) Mr. Karshiyev Rustam Djurayevich (Uzbekistan); (vii) Mr. Akhmadjonov Vokhidjon Mukhammadjonovich (Uzbekistan); (viii) Mr. Akromov Isomiddin (Uzbekistan); (ix) Mr. Kurbonov Shamsiddin Madaminovich (Uzbekistan); (x) Mr. Burhanjonov Birodar (Uzbekistan); (xi) Mr. Maurice Roos (USA); (xii) Mr. Garantigui Traore (Mali); (xiii) Mr. Naseer Ahmad Fayez (Afghanistan); (xiv) Mr. Kenji Morita (Japan); (xv) Mr. Kenji Miyagawa (Japan); (xvi) Mr. Shin Takano (Japan); (xvii) Mr. Mamoru Watanabe (Japan); (xviii) Mr. Yosuke Kitagawa (Japan); (xix) Mr. Salar Akbar (Afghanistan); (xx) Mr. Rahmatullah (Afghanistan); (xxi) Mr. Hafeezullah Hashimi (Afghanistan); (xxii) Mr. Najumuddin Najum (Afghanistan); (xxiii) Mr. Christy Omeno Oduh (Nigeria); (xxiv) Dr. Mochammad Amron (Indonesia); (xxv) Mr. Peter Chen (Taiwan); (xxvi) Mr. Rizal Siregar (Indonesia); (xxvii) Mr. Bashu Dev Lohane (Nepal); (xxviii) Ms. Mona Liza F. Delos Reyes (Philippines); (xxix) Mr. Lutfulla Khaknazarovich Mukhamednazarov (Uzbekistan); (xxx) Mr. K.P. Bakshi (India); (xxxi) Ms. Sharon Rose S. Baiza (Philippines); (xxxii) Mr. Fuad Alshikh Mubarak (Saudi Arabia); (xxxiii) Ir. Slamet Budhi (Indonesia); (xxxiv) Ir. Deo Sukardi (Indonesia); (xxxv) Mr. Ryu, Jeon Yong (Korea) and (xxxvi) Ir. Zeinab H. Behairy (Egypt).

PCTA Minutes Item 1: Presentation/Lecture by an Expert

1. It was proposed to have a presentation on “Basin Futures”, a web based software utility developed for basin simulation for policy support, by CSIRO, a collaborative partner of ICID. However, CSIRO Australia Team could not make the presentation as scheduled, owing to engagements elsewhere and expressed their apologies for the same to the Committee.

PCTA Minutes Item 2: ATR on the minutes of the 38th Meeting of PCTA

2. The Committee noted with satisfaction the ATR on the minutes of the 38th meeting of PCTA.

PCTA Minutes Item 3: Membership of the PCTA and Workbodies

PCTA considered the proposals for its membership and for the membership of various workbodies associated with it and recommended for their approval by the Council as given in **Annex 4, page 27**.

4. The Committee noted that PH Peter S Lee will be retiring from PCTA on completion of his tenure. The Committee placed on record their appreciation of the services rendered by PH Lee. It was recommended that VPH Ian Makin may be inducted as a member in the Committee.

PCTA Minutes Item 4: Road Map to ICID Vision 2030: Review of the Action Plan 2017-2021

5. The Committee felt that Vision 2030 activities need not remain confined to the deliberations inside the WGs, but needs to grow outside WGs by involving the other agencies and organizations. This will help in promoting and keeping the vision 2030 in focus in larger communities and groups.

6. Strategy Theme Leaders opined that number of parallel sessions may be reduced to the extent possible to allow the members to engage with multiple subjects in different WGs. For this purpose, shorter WG meetings and Regional Working Group meetings can be considered, with joint workshops be encouraged. For this purpose, the WGs have to engage more over the web-ex platforms for transacting the maximum amount of internal works.

PCTA Minutes Item 5: International Research Program for Irrigation and Drainage (IRPID) Scheme

7. The Committee noted with satisfaction that the efforts are in progress for the establishment of Mediterranean and North African Regional Nodes under IRPID Scheme. However, due to constraints of individual members, it has been decided that North African RN will be hosted by the Moroccan NC, for which the concerned National Committees have agreed. Italian NC is continuing its efforts for generating resources for the establishment of the proposed Mediterranean RN and mobilizing the associated countries for the same.

PCTA Minutes Item 6: Independent Service Unit (ISU) – Relevance to ICID Mission

8. The issue has been already discussed in PFC and the Committee noted the presentation made for informing its members about technical aspects of the program, over and above the associated phases and strategies for the implementation of the Program.

PCTA Minutes Item 7: Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)**PCTA Minutes Item 7.1: Working Group on Adaptive Flood Management (WG-AFM)**

9. Dr. Kamran Emami, the Chair of the WG presented the report and informed that it was decided to include some case studies such as (i) a report on SMART tunnel (Malaysia); (ii) a report on the latest status of flood management in Thailand in the aftermath of 2011 floods; (iii) a report on devastating flood in Iran (2019) and (iv) a report on the latest status of flood management in Pakistan in the aftermath of 2010 floods, in the WG's publication on 'Adaptive Flood Risk Management', viz. and the case studies will be provided by the members from respective countries. The Committee noted with satisfaction the report on the activities of the WG.

PCTA Minutes Item 7.2: Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)

10. Dr. Tsugihiko Watanabe, Chair of the WG presented the report. The Committee noted that the WG organized two virtual meetings in March and August 2019 and recommended that other WGs may follow the practice. The Committee also noted that the WG organized an International Workshop on Innovation of Developing the Strategy for Impact Assessment of and Adaptation to the Climate Change on 01 September 2019 at Bali.

11. The WG proposed to publish a "Guide to Innovated Irrigation and Drainage Management under the Changing Climate" (tentative title) as the outcome of the WG activities and the first draft will be discussed during the meeting of the WG in Sydney in 2020. The Committee recommended for its approval.

PCTA Minutes Item 7.3: Working Group on Environment (WG-ENV)

12. Mr. Michael van der Laan presented the WG report on behalf of the Chair. The WG is planning to hold a webinar during the first half of 2020 and organize a Workshop on “Ecosystem Services of Irrigation and Drainage Systems” in Australia in 2020

PCTA Minutes Item 7.4: Working Group on Irrigation and Drainage in States Under Socio-Economic Transformation (WG-IDSST)

13. Dr. Shukhrat Mukhamedjanov, Chair, WG-IDSST presented the report. WG considered a work plan based on its new mandate and decided to hold virtual meetings of the WG twice a year, the first being scheduled in November 2019, so as to discuss various activities, including its work plan. The WG suggested to carry out work exchange experience of countries in implementing and developing IWRM, to which the Committee expressed its agreement.

PCTA Minutes Item 7.5: Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)

14. Mr. Clarke Ballard presented the report of the WG in absence of its Chair, VPH Franklin E. Dimick. WG organized an Internal Workshop which was held on 5 September 2019 at Bali, where all six papers submitted were presented. The workshop was found to be useful and productive by the participants. WG will hold internal workshops every year to present papers for the area covered that year as reflected in the modified Road Map to ICID Vision 2030. The next internal workshop will accordingly be held during Sydney meetings of ICID next year.

PCTA Minutes Item 7.6: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

15. Dr. Ruey-Chy Kao, Chair of the WG presented the ‘Summary of Activities’ of the WG. The WG successfully organized an International Workshop on “Integrated Development of Tidal Areas – An Exchange of Expertise from Basin Perspective” on 01 September 2019 at Bali, where eight coastal countries have presented their full papers, besides others. Realizing the importance of improving coastal protection through tidal prediction and typhoon forecasting, a Workshop on the topic “Tidal Prediction and Typhoon Wave Model” is proposed to be organized in December 2019 in Chinese Taipei. The Committee noted that WG-SDTA had held two virtual meetings in 2018 and 2019.

PCTA Minutes Item 7.7: Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM)

16. Secretary General presented the report of the TT. The Committee noted the report and asked the TT to begin its activities at the earliest.

PCTA Minutes Item 7.8: Synthesis Report by Co-Theme Leaders of ST Basin [VP Er. Naoki Hayashida (Japan) & VP Dr. Kamran Emami (Iran)]

17. The Co-Theme Leaders presented their synthesis report and made the following observations

- (a) Generally, WGs are functioning quite well and productively. The activities of some WGs have been well managed and advanced according to the decisions of each WG made in the Bali meeting.
- (b) Overall, the attendance of members is good. But in some cases, this is limited. Poor attendance at the meetings and lack of contribution by the members will lead to reduced productivity and output.
- (c) WGs should promote the exchange of knowledge with other agriculture water management professionals by publishing the summary and outcomes in ICID NEWS.
- (d) WGs should clearly identify their output in a work plan which may include technical reports, position papers, special issues of Journal of Irrigation and Drainage, seminars (internal/international) etc., in accordance with the Action Plan of the Road Map to ICID Vision 2030.
- (e) More information and products of WGs should be sent to the central office so that they would be posted on the website and timely updated.
- (f) More WebEx meetings should be organized, at least once in a year.
- (g) Increased efforts to attract young professionals should be continued.

18. The Committee appreciated the synthesis report presented by Co-Theme Leader VP Hayashida and recommended that the observations made by the Co-Theme Leaders be put in to practice in letter and spirit.

PCTA Minutes Item 8: Review of reports of the activities of Workbodies under the Strategy Theme – Knowledge (ST.K)

PCTA Minutes Item 8.1: Working Group on Capacity Development, Training and Education (WG-CDTE)

15. As there was no report from the Chair/representative of WG-CDTE, the Committee recommended that the WG needs to be either wound up or reconstituted by induction of active members in order to have better participation in the WG meetings and contribution to its mandated activities.

PCTA Minutes Item 8.2: Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

19. Dr. Kamran Emami, Chair of the WG presented the report and recommended that as suggested by PoJs for WHIS 2019, the number of entries per country may be restricted to four (4) in order to make the WHIS sustainable with high quality and prospective applications competitive. Accordingly, the WHIS Scheme may be revised.

20. The Committee considered the suggested modification in WHIS Scheme in terms of restricting the entries per country to four (4) and recommended to the Council for acceptance. Accordingly, the Committee asked the Central Office to revise the existing WHIS scheme adequately reflecting suggested changes in the entries per country up to four (4) and upload on ICID website and updates in respective documents such as Handbook of Procedures, etc.

PCTA Minutes Item 8.3: ICID Journal Editorial Board (EB-JOUR)

21. PH Prof. Dr. Bart Schultz, Chair of EB-JOUR in his report presented the progress about the circulation and impact factors for ICID Journal, which indicated growing popularity of the Journal. Noting the report, the Committee commended the efforts made by the Editorial Board under the leadership of PH Bart Schultz.

PCTA Minutes Item 8.4: Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD)

22. In TF-MTD report, auto-translate facility for MTD needs to be developed on the lines of a similar utility available with IWMI. The Committee asked the Central Office to take up further interactions with IWMI in the matter. It is suggested that once the English updation is completed, translation of the updated MTD in different languages can be considered by respective NCs facilitated by the Central Office.

PCTA Minutes Item 8.5: Task Force to Guide ICID Inputs to World Water Forum 9 (TF-WWF9)

23. PH Dr. Saeed Nairizi, Chair of the TF presented the report. While deliberating on the report, the Committee recommended better coordination with WWC Groups for providing richer participation from ICID in WWF9 and also to avoid clash of dates with 10th Micro Irrigation Conference and 72nd IEC in 2021 with WWF9.

PCTA Minutes Item 8.6: Working Group on Value Engineering (WG-VE)

24. The Chair of the WG-VE presented the report of its second meeting as its scoping document is yet to be developed as per the guidelines adopted vide IEC Resolution-2/63 for setting up of a new workbody or extension of an existing one with revised mandate. The Committee considered the report and recommended that the mandate of WG-VE needs to be updated to generate database on VE projects and publication of a book on VE needs to be taken up.

PCTA Minutes Item 8.7: Synthesis report of Co-Theme Leaders of ST Knowledge [VP Er. Waseem Nazir (Pakistan) & VP Dr. Brian T. Wahlin (USA)]

25. The Committee considered the report of the Co-Theme Leaders and noted with satisfaction.

PCTA Minutes Item 9: Review reports of the activities of Workbodies under the Strategy Theme – On-Farm (ST.OF)**PCTA Minutes Item 9.1: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)**

26. Dr. A.K. Randev, Chair of the WG presented the report and informed the Committee that two WG publications titled "Improvement of the On-Farm Irrigation systems Using Simple Water Control, Measuring and Application Devices" and "Micro Irrigation for smallholders and greenhouses", submitted by former Chair of the WG, President Felix Reinders, will be published at the earliest with the assistance of Central Office.

PCTA Minutes Item 9.2: Working Group on Water and Crops (WG-WATER&CROP)

27. VPH Dr. Ragab Ragab, Chair of the WG-WATER&CROP suggested that the Web-Ex meeting of the working group invites may be sent to other related WG members so as to allow them to participate in the meetings and enrich the proceedings by interaction. The Committee agreed with the suggestion of the WG Chair.

PCTA Minutes Item 9.3: Synthesis report of Co-Theme Leaders of ST On-Farm [VP Er. Madhav Belbase (Nepal) & VP Dr. K. Yella Reddy (India)]

28. Co-Theme Leaders presented their synthesis report and informed the Committee that the WGs under ST-On-Farm have been organizing activities as per their mandate and functioning well. The Co-Theme leaders recommended that given the variable tenures of the three WGs to bring out an expected output (guidelines/ position papers, technical reports etc.) in due course of time, it would be appropriate to extend the tenures of the WG-WATER & CROP (closing in 2019) and WG-SON-FARM (closing in 2022) to 2025 so as to be in concurrence with the closing of WG-NCWRI.

29. The Committee recommended that the respective Chairs of the WGs on WATER&CROP and SON-FARM may follow the procedures adopted by the Council for extending the duration of the workbodies beyond their mandated period and submit the scoping documents at the next meeting of the Committee for its consideration.

PCTA Minutes Item 10: Review of reports of the activities of Workbodies under the Strategy Theme – Schemes (ST.S)**PCTA Minutes Item 10.1: Working Group on Irrigation, Development and Management (WG-IDM)**

30. Ms. Mary Jean M. Gabriel, Chair of the WG presented her report and informed that the WG is proposed to hold a virtual meeting in the coming year, with the cooperation of its members. The Chair will work with the Chair of the WG M&R, VPH Ian Makin to work on the updation of 'Operation, maintenance and management' section of MTD.

PCTA Minutes Item 10.2: Working Group on Institutional Aspects of Irrigation / Drainage System (WG-IOA)

31. VPH Dr. Hafied A. Gany, Chair of the WG presented the report and informed that the WG is planning to bring out publications and a symposium in 2020 at Sydney Congress.

PCTA Minutes Item 10.3: Working Group on Modernization & Revitalization of Irrigation Schemes (WG-M&R)

32. VP Ian Makin, Chair of the WG presented the report and informed the Committee that WG-M&R is proposing to induct more members from Nigeria as per their request keeping the membership guidelines in view. The papers are proposed to be submitted to IRD journal for publication and a soft publication is planned for dissemination through the web site. Proposals for internship opportunities for YPs through the companies were also discussed.

PCTA Minutes Item 10.4: Working Group on Rain Water Harvesting (WG-RWH)

33. Mr. Geoff Harvey, Chair of the WG in his presentation informed that the scope of the WG-RWH needs to be focused on capture of rain water in preference to usage aspect. A position paper collecting the experiences at various countries need be developed. The WG plans to have a virtual meeting in the last quarter of 2019. The Committee suggested that the WG should have a diversified membership.

PCTA Minutes Item 10.5: Working Group on Sustainable Drainage Management (WG-SDRG)

34. Mr. Bernard Vincent, Chair of the WG presented the report. WG-SDRG is planning to hold next Drainage Workshop in Canada/ USA in consultation with the concerned NCs. Flood management and Urban Drainage are required to be included in the scope of the WG. Design of control structures also needs to be considered for the agenda of the WG.

35. The Chair also presented the report on the completion of the mandate of the WG. Considering the importance of the topic Drainage, the Committee recommended for the extension of the tenure of the WG up to 2020. The WG may develop a Scoping Document for the new WG with revised mandate and present it at the next IEC meeting, with at least 10 National Committees agree to support its activities by nominating experts to participate in the activities of the WG.

PCTA Minutes Item 10.6: Working Group on Water Saving in Irrigated Areas (WG-WATS)

36. Mr. Mehrzad Ehsani, Chair of the WG presented the report. The group is in the process of preparing a technical book on 'Water charging policies and mechanism to analyze the effect of water charges on water saving in agriculture'. The Chair informed that Ms. Mu. Jianxin (China) will prepare a brief write-up and coordinate for organizing an internal WG workshop during the next ICID meeting in Sydney in 2020. VPH Dr. Gerhard Backeberg and Dr. Joe Stevens (South Africa) will draft a paper based on the South African experience and would table the final paper on South African case study.

PCTA Minutes Item 10.7: Synthesis Report by Co-Theme Leaders on ST Schemes [VP Dr. (Mrs.) Irene Bondarik (Russia), VP Dr. Marco Arcieri (Italy) & VP Er. Ahmed El-Bouari (Morocco)]

37. The Co-Theme Leaders of ST-Schemes presented their synthesis report which was noted with satisfaction by the Committee.

PCTA Minutes Item 11: Newly Proposed Workbodies

38. The Committee asked the WG-VE to develop a scoping document as per the guidelines laid down by 63rd IEC meeting in 2012 vide its Resolution-2/63 for setting up of a new workbody or extension of an existing one with revised mandate. The Committee recommended the establishment of WG-VE, subject to submission of the revised Scoping Document for getting support of at least 10 NCs to nominate experts from their countries to participate in the activities of the WG.

PCTA Minutes Item 12: Report on the outcome of WIF3

39. The INACID Representative presented the outcome of WIF3. It was informed that 1417 participants joined the Forum representing 53 countries. Also, six Hon'ble Ministers participated in the Forum and HLAG providing their views and suggestions of their respective countries. Many key parameters of organizational aspects were presented which will enrich the manual on the events and also help in future events. The Committee expressed pleasure at the successful organization of the Forum and commended the host NC for its excellent organization.

PCTA Minutes Item 13: Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)

40. PH Dr. Gao Zhanyi, Chair of the Sub-Committee could not present the report of the meeting of the SC-E-THEMES as he had to leave the venue on account of urgent engagements elsewhere.

PCTA Minutes Item 14: Any other business