

**Minutes of the 68th Meeting of
INTERNATIONAL EXECUTIVE COUNCIL (IEC) OF ICID
Mexico City, Mexico
Opening Plenary (First Session): 10 October 2017, 09:00 – 10:30 Hours
Second Session: 14 October 2017, 09:00 – 12:30 Hours
Third Session: 14 October 2017, 13:30 – 17:30 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): 10 October 2017, 09:00 – 10:30 hours

The 68th 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 600 delegates, from 56 countries. They participated in the various working groups, task teams and committees in the following four days. The main session of IEC which was conducted in two sessions on 14th October and 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 68th IEC meeting is given in **Annex 1, page 41** and includes representatives of 32 National Committees, 10 Office Bearers, past Presidents and Vice Presidents, along with Observers.

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

1. President Dr. Saeed Nairizi welcomed the members to the 68th IEC meetings. He once again thanked MXCID for making excellent arrangements despite the recent devastating earthquake that the country had faced. He wished peace to the departed souls and pledged support to the bereaved population and wished injured ones speedy recovery.
2. In his opening remarks, the President pointed out the role that ICID has to play with the international water community in perspective of the new challenging conditions of growing water scarcity and impending climate change. The President highlighted the main achievements of the Commission during the last year since the Chiang Mai IEC meeting and impressed upon a coherent approach towards the mission of ICID among its various stakeholders.
3. Accompanied by Secretary General Avinash C. Tyagi, Vice President Dr. Ding Kunlun, Chair, PCTA and Vice President Mr. Bong Hoon Lee, Chair, PCSO, President Dr. Nairizi informed that the document would be circulated far and wide to build awareness in every stakeholder engaged in the AWM on the possible way forward within their field of operation. He pointed out that the vision document includes insightful inputs from various stakeholders of AWM. To highlight ICID's mission, vision and goals, and to contribute and improve use of water in agricultural activities in rural areas around the globe, 'A Road Map to ICID Vision 2030: A Water Secure World Free of Poverty and Hunger' was unveiled by President Dr. Saeed Nairizi. Speaking on the occasion, President said that the ICID Vision 2030 Roadmap is one of the best documents available around the globe on how we can deal with water management in agriculture to eradicate poverty and hunger. He appreciated the work of the Consultative Group under the leadership of VPH Dr. Hüseyin GÜNDOĞDU, and other members Dr. Sylvain Perret, VPH Dr. Willem Vlotman, VPH Dr. Gerhard Backeberg, VP Ian Makin, VP Prof. Charlotte de Fraiture, VP Er. Waseem Nazir and Secretary General Avinash C. Tyagi, ICID.

IEC Minutes Item 2: Scoping out the issues to be addressed during the workbody meetings: Secretary General, Chair of PCTA and Chair of PCSO

4. Secretary General introduced the Agenda and drew the attention of the members to the main issues such as the Vision to Action, Changes in the ICID Constitution and Bye-laws, International Research Program for Irrigation and Drainage, Technical Support Program that called for special consideration of the members during the session.

He pointed out that two very important issues would be discussed under the PFC agenda: (i) Report on the Financial Sustainability of ICID and (ii) Revision of the Annual Subscription Formulae. He informed that the members would get opportunity to discuss the annual subscription issue at other work body sessions as well.

5. VP Dr. Ding Kunlun, Chairman, PCTA informed the members present that the ACTION PLAN 2017-2021, which forms part of the Road Map, includes activities identified by WGs, RWGs, NCs and ICID CO to implement the Strategies. He pointed out that the Action Plan is dynamic and needs to be updated periodically. He advised WGs to envisage their role in the Action Plan and suggest a monitoring mechanism. He also drew attention of the members to suggestions towards making the meetings of workbodies more productive.

6. VP Bong Hoon Lee, Chairman, PCSO made short presentations on the important aspects that various WGs needed to pay attention to evolving a monitoring mechanism for Road Map to ICID Vision 2030 which is one of the main agenda items at the PCSO meeting. He drew the attention of the members that under discussion will also be the Draft "Knowledge Management Strategy" of ICID which envisions a more efficient collection, compilation, integration and dissemination of various ICID outputs for diverse communities of stakeholders for their sensitization, collaboration and/or capacity development.

IEC Minutes Item 3: Presentation by the National Committees: Somalia

7. The representative of National Committee of Somalia (SONCID), could not join the meeting and share aspects regarding the agriculture water management scenario in Somalia.

IEC Minutes Item 4: Presentation of Awards: WatSave, Best Paper, Best Performing National Committee, Best Performing Workbody, Heritage Irrigation Structures

IEC Minutes Item 4.1: Presentation of WatSave Awards

8. PH Dr. Gao Zhanyi (China), as the Chair of the Panel of Judges for WatSave Award 2017, presented his report and recommended to the Council for conferring the awards in four categories: (i) **Technology Award** for "Developing 'Water Savings Calculator' for estimating water savings" to Mr. Chris Norman and Mr. Carl Walters (Australia); (ii) **Innovative Water Management Award** for "Promoting water saving interventions in large irrigation systems" to Prof. Wang Aiguo (China); (iii) **Farmer Award** for "Effective water management through farmer's cooperative interventions" to Dr. Sharad Deshmukh (India); and (iv) **Young Professional Award** for "Designing Micro-Lysimeter for accurate measurement of crop water requirements" to Mr. Mahdi Sarai Tabrizi (Iran). President handed over the plaques and the prize monies to the winners.

IEC Minutes Item 4.2: Presentation of the Award for the Best Paper in the ICID Journal "Irrigation and Drainage"

9. Out of all the papers published in the ICID Journal "Irrigation and Drainage" during the year 2016, the best paper was announced by Chair of EB-JOUR, PH Prof. Dr. Bart Schultz which was awarded to Sabine J.Seidel, Stefan Werisch, Klemens Barfus, Michael Wagner, Niels Schütze and Hermann Laber from Germany for their paper titled "Field Evaluation of Irrigation Scheduling Strategies using a Mechanistic Crop Growth Model".

IEC Minutes Item 4.3: Presentation of 6th Best Performing National Committee Award (BPNCA-6)

10. PH Dr. Gao Zhanyi (China) as Chair of the Panel of Judges for the BPNCA-6 announced the result of the evaluation, judging IRNCID as the Best Performing NC based on the work undertaken by it during the last three years. The award consisting of a trophy and citation plaque was presented by the President.

IEC Minutes Item 4.4: Presentation of 5th Best Performing Workbody Award (BPWA-5)

11. The prize was not awarded as none of the workbodies submitted nomination for BPWA-5.

IEC Minutes Item 4.5: Recognition of Heritage Irrigation Structures (HIS)

12. The Chair of the Panel of Judges, VP Bong Hoon Lee, PCSO Chairman, presented the report to the Council, the historical irrigation and drainage structures identified to be recognized as Heritage Irrigation Substructures. Accordingly, the Council accorded its approval to the recognition as "Heritage Irrigation Structures" to the irrigation structures from: **Australia:** Goulburn Weir, Bleasdale Vineyards Flood Gate; **China:** Ancient Yellow River Irrigation System, Hanzhong Ancient Weir Irrigation System, and Huang Ju Irrigation System; **Japan:** Doen Irrigation System, Nasu Irrigation System, Matsubara-Muro Irrigation System, and Odai Irrigation Canal; **Korea:** Dangjin Hapdeojke,

and Manseokgeo Dam (Ilwang Reservoir) and **Mexico**: Chinampa (Prehispanic sub-irrigated farm), and La Boquilla Dam. The irrigation structures recognized as HIS will be later included in the ICID Register of HIS.

13. The President handed over the “Plaque and Certificate” to this effect to the owner agencies of these structures. President ICID handed over the plaque for Chinampa (Prehispanic sub-irrigated farm), and La Boquilla Dam to H.E. the President of Mexico during the Opening Ceremony of the 23rd ICID Congress in the presence of Mayor of Mexico City.

Second Session: 14 October 2017, 09:00 – 12:30 hours

IEC Minutes Item 5: Action Taken Report on the decisions of 67th IEC and the decisions taken by the Management Board (MB)

14. Secretary General informed that actions on all the decisions by the 67th 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 43**.

IEC Minutes Item 6: Report by the Secretary General

15. Secretary General presented the Annual Report 2016-17, and also presented the physical and financial progress on activities undertaken during the period from April 2017 till date.

IEC Minutes Item 7: Presentation on Strategy Theme “Schemes”

16. The technical activities of ICID are organized under four Strategy Themes, namely Knowledge, Schemes, Basin and On-farm. Currently, there are five working groups under the ST-Schemes, viz. WG-SDRG, WG-IOA, WG-M&R, WG-WATS and WG-IDM. The Co-Theme Leader of ST-Schemes, VP Dr. Ding Kunlun (China) made a presentation on Strategy Theme “Schemes” analyzing the work undertaken by the work bodies under the theme.

17. VP Dr. Kunlun pointed out that based on the subject and mandates of the Working Groups, there are some overlaps by different working groups under the theme. For example, the topic of “charging irrigation services and cost recovery or sharing” are covered by the WG-IOA, WG-M&R and WG-WATS. Similarly, “Institutional and organizational” aspects are covered by WG-IOA, WG-M&R and WG-WATS, while “water measuring” aspect is covered by WG-WATS and WG-IDM; and “assessment of water loss in various components of irrigation systems” is covered by WG-WATS, WG-IDM and WG-M&R. He suggested that for such common aspects, the WGs should put together their strength to jointly prepare outputs or deliverables.

18. VP Dr. Kunlun pointed out that some of the issues raised at 13th IDW, such as measures to improve drainage water quality; measures to lower volume of drainage water; adaption of new design criteria in favour of the environment; and application of alternative drainage methods should be addressed by WG-SDRG. He also stressed that activities or topics under the ST-Schemes should emphasize more on the scheme level issues rather than individual techniques and devices. In other words, he pointed out, systematic knowledge, methodologies, approaches, or comprehensive techniques are required for the improvement of irrigation and drainage systems to enhance the overall efficiency, productivity and sustainability. This can involve engineering, management, O&M, resources and financial aspects, or all of them.

19. In order to enhance the visibility of WGs and further ICID goals by bringing out technical “products” like Methods, Guidelines, Guidance, Manuals” etc. which are more demanded by the national committees for the works at scheme level in practice, should be produced. He gave examples of products brought out by ICID earlier, such as “Guidelines for Rehabilitation and Modernization of irrigation Projects” (W. Price. WG-IDM of ICID, 1999), and RAP and MASSCOTE used as the appraisal and assessment tools for rehabilitation and modernization of existing irrigation projects (FAO, 2008), all of which are used as guidance material in many countries. The text of the report is given at **Annex 3, page 44**.

IEC Minutes Item 8: International Research Program for Irrigation and Drainage (IRPID) Scheme

20. The Council was informed that the revised IRPID Scheme (http://www.icid.org/irpid_scheme.pdf), approved by 67th IEC vide Resolution IEC-3/67 had been notified vide Notification No.6 of 2017 dated 23 February 2017 among ICID National Committees, exhorting them to establish Regional Nodes within the framework of revised IRPID Scheme, with the objective to promote research in irrigation and drainage to achieve ICID's Vision of 'Water secure

world free of poverty and hunger through sustainable rural development'. Currently two Regional Nodes are functioning – one at Tehran hosted by IRNCID and other at Beijing hosted by CNCID.

21. The Council suggested that the proposals for opening new Regional Nodes may be considered by the Advisory Committee set up for IRPID, i.e. AC-IRPID, based on proposals from the willing host NCs who fulfill the requirements for establishment of a Regional Node as laid down in the IRPID Scheme. The Council endorsed the proposal of PCTA on the issue of establishing IRPID nodes in Africa and the Mediterranean regions, and for that the NCs of Egypt and Italy may prepare formal proposals for consideration of AC-IRPID. IEC also endorsed the appeal of PCTA for the RNs to start getting the Irrigation Research (IrriSEARCH) database template in AWM, which needs to be populated by the RNs and its affiliate NCs. It noted that the database developed by the Central Office as a tool would help in fulfilling the objectives of IRPID.

IEC Minutes Item 9: Reports by the Chairs of Permanent Committees

IEC Minutes Item 9.1: Permanent Finance Committee (PFC)

22. VPH Laurie Tollefson, Chairman, PFC presented his report on the 38th meeting of the PFC held on 09 October as given at **Appendix I, page 65**. As Chair of the 'Task Force to review the membership structure and annual membership subscription formulae (TF-AM)', the PFC Chair also presented the report of TF highlighting the 'Financial Sustainability of ICID' as an organization in the light of the Road Map to ICID Vision 2030 unveiled at the opening plenary of the Council.

23. The Council endorsed the PFC recommendation that the 1991 formulae being used presently be updated as follows and the annual subscriptions rates shall be recalculated every three years during the meeting of IEC in a Congress year.

The revised formulae:

$$S(2017) = \{1515 + \text{UNC} + 1900 A^{**0.35}\} \times \{\text{InF}\} \dots \quad \{\text{for NC with } A > 9.35 \text{ M}\}$$

$$S(2017) = \{1515 + \text{UNC} + 1360 A^{**0.5}\} \times \{\text{InF}\} \dots \quad \{\text{for NC with } A < 9.35 \text{ M}\}$$

Where,

(i) S(2017) is the subscription in US \$;

(ii) UNC, for countries paying UN contribution

< 0.30 per cent:	UNC = 0.
>0.3 per cent but < 0.6 per cent:	UNC = US \$ 725
>0.6 per cent but < 1.5 per cent:	UNC = US \$ 1450
>1.5 per cent but <3.0 per cent:	UNC = US \$ 2175
> 3.00 per cent:	UNC = US \$ 2900

(iii) A is the Weighted Benefitted Area calculated as follows:

$$\text{Weighted Benefit area} = \text{IA} + (0.5) * \text{DA} \dots \text{if } \text{IA} > \text{DA}$$

$$\text{Weighted Benefit area} = \text{DA} + (0.5) * \text{IA} \dots \text{if } \text{DA} > \text{IA} \text{ and Irrigated Area (IA); Drainage Area (DA)}$$

(iv) In F is the cumulative Inflation Factor for three years as obtained from the IMF data?

24. The Council further endorsed the recommendation of PFC that in order to have a smooth transition to the new subscription, the NCs will be provided an opportunity up to 31st December 2017 to indicate, if the Benefitted Areas shown in Table 1 given at **Annex 4, page 47** and used in calculating the subscription are correct or not. The NCs, if they find the areas used are correct, may indicate how they would like to have transition into the new subscription regime within the next three years. If no objection is received from the NC, the new annual subscription would be raised by CO as per the calculations in the Table 1. In case objection is raised due to reconciliation of the irrigated and drained area figures, the matter will be placed before the PFC, who will take the final decision through a virtual meeting before 31st March 2018 and ratified by IEC through circulation among the NCs.

25. The Council was informed that the NC of Indonesia has reduced the full registration fee for WIF3 to US\$ 700 in place of earlier proposed US\$ 800. The Council approved the revised registration fees which needs to be appreciated as this will result greater participation in WIF3 at Bali in 2019.

26. IEC noted that PFC had recommended that the future host organizers may be asked to suggest two tier system of registration fee structure so that those experts, who are not able to afford high registration fee, may get an option

with lower registration fee and able to join ICID events. However, IEC members objected to the proposal and expressed that it would be not practical to implement it. The Council rejected the proposal.

27. The Council endorsed the views of PFC that the financial assets such as operating funds in the banks should be invested more professionally and the possibility of investing some of the operating reserves in other financial instruments such as Mutual Funds (with low risks), needs to be explored. The Council also endorsed the recommendation of PFC that ICID should steadily build up a reserve equivalent to the expenditure of the previous year since there is large fluctuation in the revenue resources and certain risks which need to be hedged against.

28. The Council endorsed the proposal of PFC to construct additional office space as part of the Central Office building for leasing out the office space for rent to be able to generate more income. The Council advised SG to explore the possibility of obtaining loan (Approx. Rs 70 million) for construction of the additional office space, from sources other than YES Bank, as loan from Yes Bank may compromise ICID's position in negotiating the market rent for the space rented out to them.

29. The Council endorsed the recommendation of PFC to set up a special Task Force to explore the feasibility of establishing an independent business unit whose profits could plough in as a revenue to ICID budget.

IEC Minutes Item 9.2: Permanent Committee on Strategy and Organization (PCSO)

30. VP Bong Hoon Lee, Chairman, PCSO presented his report on the 28th meeting of PCSO held on 12 October as given at **Appendix II, page 71**.

31. The Council endorsed the mechanism proposed by PCSO to monitor the Action Plan. It agreed that the WGs may be requested to monitor the progress of activities and report it to their respective Permanent Committees vis-à-vis the activities identified in the Action Plan. The Council also agreed that the Co-Theme Leaders should also take stock of the progress of WGs under the Action Plan in their synthesis report to PCTA.

IEC Minutes Item 9.3: Permanent Committee for Technical Activities (PCTA)

32. VP Dr. Ding Kunlun, Chairman, PCTA presented his report on the 37th meeting of PCTA held on 13 October as given at **Appendix III, page 75**.

33. The Council endorsed the view of PCTA that Water Accounting should be able to take into account the groundwater, which constitutes a vital role in AWM. It urged experts from member countries to make use of the tools generated under the initiative.

34. The Council endorsed the recommendation of PCTA that it should be obligatory on the part of NCs to ensure the participation of their nominated Experts in the activities of WGs and they should undertake periodical review of the contribution/participation of their experts. On the suggestion of President, the Council directed SG to explore the possibility of some of the NCs taking a lead in specific WGs and providing support to the chair to pursue the mandate of the WG.

35. The Council also endorsed that the outcomes of the technical workshops should be shared widely by publishing them in the form of an article in ICID News, etc. It also endorsed the recommendation that the SG should take up the drive to increase the membership of the WGs by writing to NCs and at the same time explore the possibility of extending concession in registration fee to identified one or two active members of well-functioning WGs.

36. The Council endorsed the recommendations of PCTA that the WG (new or extension) should be approved only, if at least 10 NCs support its activities by way of sponsoring its experts to participate in the WG's activities. It directed SG to circulate the SDs of the proposed new WGs to all the NCs for gauging their interest and support. The Council approved the revised mandates of WG-HIST and WG-SDTA as given in **Annex 5, page 51**.

37. The Council endorsed the report on the outcome of the 23rd Congress given in **Annex 6, page 53**, as recommended by PCTA. The Council noted that during the presentation of the outcomes of the Congress at the Wrap-up Session, the members had objected to the statement of "Low Irrigation efficiency not bad" under Q 61 recommendations and that there was no conclusive discussion on the subject.

IEC Minutes Item 9.4: Discussions and Decisions on the Recommendations of the Permanent Committees

38. 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 6.

39. 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-1/68 and Resolution IEC-2/68 (pages 11 and 12), respectively**. The Council approved the Audited Accounts of ICID for the Financial Year 2016-17 as given in **Annex R1.1, page 15**, and the revised Budget for FY 2017-18, and the Budget for FY 2018-19 as given in **Annex R1.2, page 21**.

40. The Council approved the membership changes of various workbodies under PCSO and PCTA and consequently updated and consolidated membership of all workbodies is given at **Annex 7, page 55**.

41. Based on the PFC Report presented by its Chair, VPH Laurie Tollefson, the Council approved the admission of Afghanistan as a member of ICID, while approving provisionally the membership of Azerbaijan, Georgia and Vietnam subject to their payment of annual subscription on or before 1st January 2018.

Third Session: 14 October 2017, 13:30 – 17:30 hours

IEC Minutes Item 10: Vision to Action

42. The Council thanked the Consultative Group (CG) for preparing the “**A Road Map to ICID Vision 2030**” (http://www.icid.org/icid_vision2030.pdf), which was eventually launched by the President during the plenary session of the Council meeting. The Road Map includes an Action Plan for 2017-21 wherein the activities identified by the various WGs, RWGs, NCs and Central Office to implement the strategies to achieve the organizational goals, are tabulated.

43. The Council endorsed the PCTA recommendation emphasizing the pivotal role of the WGs in putting the vision into action. The Council desired that the WGs should incorporate the identified activities into their Action Plans suitably and at the same time develop their future activities aligned to the strategies. It is important that the WGs focus their activities towards measurable outputs, which could form part of the products that could be disseminated to the NCs.

44. The Council endorsed the recommendations of PCTA (Item 4 of PCTA Minutes) that the present mechanism of Strategy Theme leaders presenting a review on the functioning of WGs under their respective theme every year to PCTA should be used to monitor the progress of the Road Map. This mechanism should be followed rigorously and the Co-Theme Leaders should try to attend the meetings of the WGs under their respective themes, discuss with the chairs on the issues and ensure that there are no overlaps. WG Chairs to make the WG meetings technically more attractive by taking preparatory steps through virtual meetings of the WGs before preparing the agenda for the meetings.

45. Resolution reflecting the Council’s decision on the mechanism to monitor the progress on the implementation of the Action Plan is presented at **Resolution IEC-3/68, page 13**.

IEC Minutes Item 11: Task Force on Revitalization of ICID Network (TF-REV)

46. The Council noted that during its 67th meeting at Chiang Mai, it had considered the report of TF and accepted its broad recommendations and extended its term by one more year to analyze the ToRs on the reasons for the withdrawal of the European NCs in the recent past. Based on the additional inputs gathered from European NCs, the TF has finalized its report (http://www.icid.org/revitalization_report.pdf). The TF recommended that the Council may request European Regional Working Group, who are in touch with the NCs of the region and in the best position to present the possible solutions to address the issue given in the remaining ToRs of TF-REV -- ToR 3 ‘To take stock of the constitution of various NCs of Europe, and study their financial operational arrangements’ and ToR 4 on ‘To study the reasons for withdrawal of European NCs from membership of ICID in the recent past and suggest the means of retaining these countries as members of ICID’. The Council requested ERWG to come up with its findings on ToRs 3 and 4 pertaining to European NCs and present the same at the next Council meeting in 2018 and approved the closure of the TF.

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

47. First Meeting of High-Level Advisory Group (HLAG) on ‘Partnerships for Agriculture Water Management (AWM)’ was held on 10 October 2017 in Mexico City. The welcome notes by Mr. Roberto Ramirez de la Parra, President MXCID and Director General, CONAGUA and Dr. Saeed Nairizi, President, ICID set the tone for the meeting. Secretary General, ICID Er. Avinash C. Tyagi provided the background information leading to the

organization of High Level Advisory Group (HLAG) at Mexico City during ICID annual events. ICID put measures in place to engage all its member countries in policy-making for a sustainable water management in agriculture in a changing environment. The HLAG consisted of Ministers/ Senior officers from Irrigation and Drainage departments to deliberate and provide guidance on the process.

48. It was recalled that ICID had established a dedicated Task Force to Guide the Partnership Process (TF-GPP) in March 2017 to support HLAG mandate of developing the partnership further and in taking forward the following key initiatives:

- (a) Recognition of agricultural water management as a significant component of SDG 6 & 2.
- (b) Development of suitable advocacy practices and tools for its political prioritization and allocating higher investments in AWM and irrigation and drainage.
- (c) Development of specific AWM indicators at regional, national and local levels for sustainable development of AWM, irrigation and drainage considering changing climate and increased pressure on allocation of agricultural water.
- (d) Knowledge integration through distributed yet virtually integrated hub at partnership level to develop national/ local capacity through training and education and sharing of best AWM practices, techniques, manuals, knowledge and practical know-how.

IEC Minutes Item 13: Report of Sub-Committee on possible changes in Constitution/By-laws

49. As per the decision of the 67th IEC meeting in Chiang Mai last year, a Sub-Committee was set up with the following mandate to look at the possible changes in the Constitution and By-laws.

- (a) Granting dual membership of the members of the National Committee as well as ICID with a single subscription.
- (b) Changes in membership of the WGs, particularly with regard to admitting more than one member from a National Committee in a WG other than nominated YP member based on recommendation of the Sub-Committee to Investigate the structure, scheduling of meetings and membership of Working Groups (SC-SSMWG)
- (c) Recommendations of Task Force on Revitalization of ICID Network (TF-REV)
- (d) Recommendations of Task Force to Review the Membership Structure and Annual Membership Subscription Formulae (TF-AM); and
- (e) Any other changes that may be put up to the Committee for its consideration.

50. The Chairman of the Sub-Committee, PH Peter Lee presented the Committee's report and provided an update to the Council. He informed the Council that in accordance with Article 12 of the constitution regarding amendments to the Constitution and By-laws, the Report of the Sub-Committee had been circulated to the National Committees of ICID on 13 July 2017 (*more than 2 months in advance of the IEC meeting*), with the request to provide their comments / suggestions by 15 August 2017. The Council was informed that no comments or proposals for change had been received which indicates that the ICID members are in agreement with the proposed changes.

51. The Chairman of the sub-Committee informed the Council that the proposal from PCSO to make changes in respect of the membership of PCSO by way of including the representative of the Young Professionals as the Vice Chair of the PCSO cannot be included since the proposed amendment has not been circulated to the member NCs in advance. He suggested that the YP representative can continue as Vice Chair in the capacity of an Observer till the proposed change is circulated to all the NC members of ICID. The draft resolution reflecting the Council's decision is presented as **Resolution IEC-4/68, page 14**. The updated ICID Constitution and By-laws are accessible at http://www.icid.org/icid_constitution.pdf and http://www.icid.org/icid_bylaws.pdf, respectively.

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

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

- (i) 8th Asian Regional Conference, Kathmandu, Nepal, 2-4 May 2018
- (ii) 69th IEC and International Conference, Saskatoon, Canada, 12-17 August 2018
- (iii) 9th International Micro Irrigation Conference, Aurangabad, India, January 2019

- (iv) 70th IEC and 3rd World Irrigation Forum, Bali, Indonesia, 1-7 September 2019
- (v) 71st IEC and 24th Congress, Sydney, Australia, 22-28 September 2020

53. The Council was informed that the representatives of NENCID, CANCID, INCSW, INACID and IACID had appraised the progress about the preparations for the above events – financial aspects at PFC and organizational and technical aspects at C-CONGR and PCSO. The Council approved the revised registration fees in respect of these events as given in **Annex 8, page 63**.

54. 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 (2020 onwards)
- (ii) 5th African Regional Conference (2020 onwards)
- (iii) 72nd International Executive Council (2021)

55. Representative of ANAFIDE expressed its NC's willingness to organize the 5th African Regional Conference, and National Committee of Georgia who were tentatively admitted as new member by IEC expressed their desire to host 14th International Drainage Workshop. The two NCs were advised by the Council to submit their proposals to host the events in the prescribed Form A so that they could be suitably scrutinized by PFC and the concerned workbodies.

IEC Minutes Item 15: Election of the Office-Bearers 2017-2020

56. As per the provisions of Articles 7.2.3 and 7.2.4 of the ICID Constitution, Dr. Mohamed Abd-El-Moneim Wahba (Egypt); Dr. Ding Kunlun (China); Mr. Bong Hoon Lee (Korea) retired after completion of their term at the end of the Congress session. In response to the Central Office's circular inviting nominations for the positions of the three Vice Presidents for the term 2017-2020, four nominations were received by the due date of receipt i.e. 14 June 2017, in compliance with ICID By-laws 2.3.1. In order to elect three VPs out of the four candidates, an election through secret ballot was organized among the NC representatives present during the Council meeting. The Council elected Mr. Naoki Hayashida (Japan), Dr. Brian T. Wahlin (USA) and Dr. K. Yella Reddy (India) as Vice Presidents of ICID for the term 2017-2020 in the order of their seniority, based on the votes polled by each candidate.

57. In exercise of *ICID By-law 2.5 – Nomination by President*, the nomination for the position of President can be received up to one month prior to the IEC meeting. Accordingly, nomination was invited from South African National Committee of ICID (SANCID), who nominated VPH Felix Reinders for the position of President, ICID. The Executive Council elected Mr. Felix B Reinders unanimously as President, ICID for the term 2017-2020 that will commence at the culmination of the study tours etc. at the end of the 23rd Congress and come to an end at the culmination of the study tours etc. at the end of the 24th Congress (scheduled in September 2020 in Sydney, Australia).

58. President Dr. Nairizi congratulated President-elect Felix Reinders and the newly elected Vice Presidents and expressed his happiness at the outcome of the election.

IEC Minutes Item 16: Nomination of the New Secretary General, ICID

59. In accordance with the Article 7.6 of ICID Constitution dealing with the recruitment of the new Secretary General; President, as Chair of the Management Board, nominates the new Secretary General. Based on the nomination made by the President, the Council approves the nomination and appoints the Secretary General. Accordingly, the President, acting as Chair of the Management Board, presented his proposal, nominating Mr. Ashwin B Pandya as the new Secretary General. The Council approved the nomination of Mr. Ashwin B. Pandya for the appointment as the Secretary General of ICID for a three-year term, i.e. 01 January 2018 - 31 December 2020.

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

IEC Minutes Item 17.1: Retiring President and Vice Presidents

60. Citation plaques were presented to the retiring President and three Vice Presidents and outgoing Secretary General for their guidance and services rendered to the ICID activities during their tenure of Office.

Dr. Saeed Nairizi

Iran President

2014-2017

Dr. Mohamed Abd-El-Moneim Wahba	Egypt	Vice President	2014-2017
Dr. Ding Kunlun	China	Vice President	2014-2017
Mr. Bong Hoon Lee	Korea	Vice President	2014-2017
Er. Avinash C. Tyagi	India	Secretary General	2012-2017

IEC Minutes Item 17.2: Retiring Chairs of Workbodies

61. The following retiring Chairpersons of Workbodies were honoured with the presentation of citation plaques for their commendable guidance to the activities of the concerned workbodies.

1. PH Prof. Dr. Bart Schultz (The Netherlands), Chairman, SC-E-THEMES (2014-2016)
2. VPH Felix B. Reinders (South Africa), Chairman, WG-ON-FARM (2004-2016)
3. Dr. Sylvester Mpandeli (South Africa), Chairman, AFRWG (2013-2016)
4. Dr. Laszlo G. Hayde (Hungary), Chairman, ERWG (2010-2015)
5. Dr. Luis Felipe Alcocer (Mexico), Chairman, C-CONGR (2016-2017)

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

62. Speaking with the permission of the Chair, PH Peter Lee, on behalf of the Council, thanked Dr Saeed Nairizi for the leadership shown by him in laying down a Road Map for the Commission to contribute to the SDGs for a world without hunger and poverty and for ensuring water security. PH Dr. Gao Zhanyi, also speaking on behalf of the Council, expressed his appreciation for the passion with which Secretary General Mr. Avinash Tyagi lead the team at the Central Office in bringing out changes for the effective and better functioning of ICID as a network. PH Prof. Dr. Bart Schultz thanked all the outgoing office bearers for their guidance and support.



RESOLUTION IEC-1/68 [IEC Item 9.4, Para 39]**INTERNATIONAL EXECUTIVE COUNCIL (IEC)
RESOLUTION IEC-1/68: 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 appoint VPH Laurie Tollefson as the chair of PFC for a second term of three years and approve the nomination of Dr. Marco Arcieri (Italy) as a member of PFC.
2. That the individuals and companies listed below, accorded the provisional membership by the Direct Membership Administering (DMA) Sub-Committee be admitted as members of ICID for the periods for which they have paid subscription.
 - (i) Mr. L.B. Roy (India) – Life Membership (Individual)
 - (ii) Dr Deepak Khare (India) – Life Membership (individual), Provisionally
 - (iii) Mr. Klaus Rottcher (Germany) - Individual
 - (iv) Dayu Water Saving Group Co. Ltd. (China) – Company
 - (v) Electrosteel Castings Ltd. (India) – Company
3. That the National Committees of Brazil, Saudi Arabia, Spain and Zimbabwe be declared as “Associate Members” with effect from 1 January 2018 as they have failed to contribute to ICID subscription for the last three years in accordance with By-laws 13.2.
4. To approve admission of Afghanistan as a member of ICID in accordance with ICID By-law 13.5 governing application for ICID membership.
5. To approve the Audited Accounts of ICID for the Financial Year 2016-17 as given in **Annex R1.1, page 15**.
6. To approve the Revised Budget of ICID for the Financial Year 2017-18 and the Budget for the Financial Year 2018-19 as given in **Annex R1.2, page 21**.
7. To approve the revised membership subscription formulae and other recommendations of Task Force to Review the Membership Structure and Annual Membership Subscription Formulae (TF-AM) as given in **Para 23, page 4**, under item 9.1 of IEC minutes.
8. To set up a Special Task Force to explore the feasibility of establishing business (es) related to ICID mission to generate income.

Appreciates

1. The NCs of Egypt, Thailand and Iran for contributing the appropriate share of the registration fee for 4th AfRC, the WIF2 & 67th IEC and 13th to the ICID Budget, respectively.
2. The Ministry of Water Resources, People’s Republic of China for providing a special subscription of US\$ 50,000, JNC-ICID for US\$ 5000 and KCID for US\$ 30156 for carrying out various ICID activities during the Financial Year 2016-17.

Requests

1. Requests PFC to monitor the financial sustainability of ICID more closely.
2. Management Board to constitute the Special Task Force under para 8, and set out its Terms of Reference.
3. Secretary General to take early action to revive the FCRA Registration of ICID so that ICID could receive grants.



RESOLUTION IEC-2/68 [IEC Item 9.4, Para 39]**INTERNATIONAL EXECUTIVE COUNCIL (IEC)****RESOLUTION IEC-2/68: 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 membership of Azerbaijan, Georgia and Vietnam provisionally subject to their paying annual subscription on or before 01 January 2018.
1. To approve the comprehensive Technical Support Program (TSP) as given in **Annex R2.1, page 23**.
2. To approve the re-establishment of two existing workbodies: (i) Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST) and Working Group on Sustainable Development of Tidal Areas (WG-SDTA), with revised mandates as given in **Annex 5, page 51**.
3. To approve the recommendations of TF-REV and assign its remaining ToRs 3 and 4 to study the financial operational arrangements of European NCs and the reasons for withdrawal of them from membership of ICID in the recent past to ERWG.
4. To approve the closure of Committee on Public Relations and Publications (C-PR&P) and TF-REV with immediate effect.
5. To task SC-E-THEMES to also address the following issues in its terms of reference:
 - a. To work out the structure of meetings related to IEC, particularly the WGs at the ICID's Annual Events, to make them more effective,
 - b. To draw Guidelines to make the WG meetings/sessions technically richer and beneficial to the stakeholders and industries by exploring the ways of combining the meetings of workbodies with areas of common interest or holding webinars, etc.

Appreciates

1. The Korean Rural Community Corporation (KRC) to support the activity of TSU.

Requests

1. National Committees to contribute towards the Fund created for undertaking activities of the Technical Support Program (TSP) and take full advantage of its establishment of the Unit. Urges NCs to depute volunteers from time to time to undertake the activities of TSP.
2. Management Board to revise the Terms of Reference of SC-E-THEMES and co-opt members, if necessary.



RESOLUTION IEC-3/68 [IEC Item 10, Para 45]**INTERNATIONAL EXECUTIVE COUNCIL (IEC)
RESOLUTION IEC-3/68: A ROAD MAP TO ICID VISION 2030****THE Council**

Considering the Report of the Consultative Group to develop Draft ICID Vision 2030 Document set up by President ICID, in consultation with Secretary General, ICID as per Article 3.9.8 of ICID By-laws, vide Notification No.9 of 2014 dated 26 November 2014,

Noting the recommendations of PCSO and the endorsement of the Management Board,

Decides unanimously,

1. To encourage WGs to monitor the progress of 'Activities identified under Various Strategies for Action Plan 2017-21' appended to 'A Road Map to ICID Vision 2030' and report to their respective Permanent Committees.
2. To make use of the process of yearly and quadrennial review of the workbody activities by Strategy Theme Leaders to monitor the progress simultaneously and report to IEC.

Requests

1. All National Committees to use the platform of the meeting of Office-Bearers with National Committees to exchange and share their experiences in implementing the Action Plan



RESOLUTION IEC-4/68 [IEC Item 13, Para 51]**INTERNATIONAL EXECUTIVE COUNCIL (IEC)****RESOLUTION IEC-4/68: CHANGES IN THE CONSTITUTION AND BY-LAWS OF ICID****THE Council**

Considering the Report of the Sub-Committee to look into the possible changes in Constitution and By-laws, established as per the decision of 67th IEC meeting in Chiang Mai, Thailand on 12 November 2016.

Noting the endorsement of the Management Board and the Office-Bearers Committee,

Decides unanimously

1. To adopt the amendments to the Article 2.1 - Vision, Article 2.2 - Mission, Article 2.3 - Organizational Goals; Article 2.4 - Scope; Article 3.3 – Membership, Articles 4.1 & 4.2 – Composition of National Committees; Articles 5.1 & 5.2 – Direct Members; Article 6.12 – IEC; Article 7.11 – Notification to Banks; Article 7.18 – Secretary General: Responsibilities; and Article 11.1 – Annual Subscriptions as listed in **Annex R4.1, page 33**.
2. To adopt the amendments to the By-laws 3.1 – Limitation on Members; By-laws 3.9.4 (b) – Permanent Committee for Technical Activities (PCTA); By-laws 3.9.5 (a)&(c) - The Permanent Committee on Strategy and Organization (PCSO); By-laws 4.1.2 (i) – Contents of Agenda; By-laws 5.8 (5.8.2 (c)&(e)) – Obligations of the Host National Committee; By-laws 5.9 (5.9.2(b)) – Transactions of a Congress/Forum; By-laws 9 (9.2&9.3) – Form of Application for Membership; By-laws 10 (10.1&10.2) – Participation of Non-Members in a Congress/Forum and By-laws 13.2 – Three Years in Arrears of the ICID By-laws as listed in **Annex R4.1, page 33**.

Requests

3. Secretary General to update the ICID Constitution and ICID By-laws accordingly and upload on the website and intimate the Registrar of Cooperative Societies, Government of India as per Societies Registration Act, 1860.



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 2017, 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.

1. In the case of Balance Sheet, of the state of affairs of the Society as at March 31, 2017; and
2. In the case of Income and Expenditure Account, of the excess of income over expenditure for the year ended on that date;
3. And in case of the Receipts and Payments Account, of the Receipts and Payments for the year ended on that date, 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, and Receipts and Payment dealt with by this report are in agreement with the books of account.
- (d) In our opinion, the Balance Sheet, Income and Expenditure, comply with the relevant Accounting Standards.

Place: New Delhi.

For **P.K. Chopra & Co.**
Chartered Accountants
FRN: 006747N

Date: 30th May 2017

Sd/-
Tarun Kandhari
Partner
Membership No. 074852

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
BALANCE SHEET AS ON 31ST MARCH 2017**

PARTICULARS		2016-17 Amount INR	2015-16 Amount INR
ASSETS			
Property & Equipment	1	11,266,479	11,413,117
Receivables	2	18,548,685	12,969,440
Stock of Publications	3	251,130	241,800
Bank Balances & Cash in Hand	4	75,760,428	67,442,621
Subscription Accrued		3,095,246	3,083,580
	Total Assets	108,921,968	95,150,558
LIABILITIES			
Gulhati Memorial Lecture Fund	5	391,359	362,618
General Fund	6	55,056,122	48,890,317
Project Funds	7	-	228,913
Gratuity Fund	8	7,285,304	9,340,742
Leave Encashment Fund	9	5,723,148	-
Corpus Fund-WID Prizes	10	2,432,501	1,644,395
Security From Tenant	11	24,632,200	21,230,000
Subscription Received in Advance	12	4,086,770	2,939,243
Sundry Creditor, Payables & Provisions	13	9,271,440	10,496,051
Duties & Taxes Payable	14	43,124	18,279
	Total Liabilities	108,921,968	95,150,558

As per our separate Report of even date
attached

For and on behalf of
International Commission on Irrigation and Drainage (ICID)

For P.K. Chopra & Co.

Chartered Accountants

Firm Registration No. 006747N

Sd/-

Tarun Kandhari

Partner

Membership No. 074852

Sd/-

Vijay K. Labhsetwar

Director

Sd/-

Avinash C. Tyagi

Secretary General

Places: New Delhi

Dated: 30th May 2017

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR FROM 1ST APRIL 2016 TO 31ST MARCH 2017**

PARTICULARS		2016-17 Amount INR	2015-16 Amount INR
INCOME			
Membership & Subscriptions	15	16,771,646	21,169,513
Sale of Publication	16	1,166,292	830,347
Special Contribution to the Budget	17	5,513,406	2,081,507
Interest on Fixed Deposits	18	3,245,951	4,691,434
Other Incomes	19	1,090,061	4,490,524
Rent and Provision of Services on Let Out Property		47,725,895	39,992,127
Special Subscriptions	20	3,896,642	-
Closing Stock	3	251,130	241,800
Total		79,661,023	73,497,252
EXPENDITURE			
Opening Stock of Publications	3	241,800	273,600
Compensation for Secretary General	21	3,667,644	3,320,081
Salaries & Allowances	22	28,645,480	18,322,443
Superannuation Relief to Retd. Employees		3,541,647	3,013,507
Service & Maintenance	23	4,543,796	5,203,681
Taxes and Utilities	24	16,773,753	24,343,110
Rehabilitation or Refurbishing and Maintenance of ICID CO Building	25	255,108	1,104,185
Publication, Knowledge Management and Dissemination	26	3,457,695	2,894,876
Conference Expenditure	27	1,459,985	1,089,786
Cooperation with Other Organization	28	54,071	-
Travel Expenditure	29	862,574	2,142,912
Depreciation on Fixed Assets	1	1,514,683	1,592,426
Workshop, Training and Studies	30	554,526	2,715,261
Other Expenditure	31	4,829,209	137,358
Excess of Income over Expenditures		9,259,052	7,344,026
Total		79,661,023	73,497,252

As per our separate Report of even date
attached

For P.K. Chopra & Co.

Chartered Accountants

Firm Registration No. 006747N

Sd/-

Tarun Kandhari

Partner

Membership No. 074852

Places: New Delhi

Dated: 30th May 2017

For and on behalf of
International Commission on Irrigation and Drainage (ICID)

Sd/-

Vijay K. Labhsetwar

Director

Sd/-

Avinash C. Tyagi

Secretary General

**INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE
RECEIPT AND PAYMENT ACCOUNT
FOR THE YEAR FROM 1ST APRIL 2016 TO 31ST MARCH 2017**

PARTICULARS		2016-17 Amount INR	2015-16 Amount INR
RECEIPTS			
Cash & Banks (Balance Brought Forward)	31	67,442,621	61,413,339
Membership Subscriptions	32	15,170,429	14,176,234
Sale of Publications	33	80,988	823,217
Special Contribution to the Budget	34	5,096,124	2,081,507
Interest on Fixed Deposits	35	3,732,251	4,805,032
Special Subscription		3,743,474	6,270,123
Other Receipts	36	5,470,196	7,017,318
Rent and Provision of Services on Let Out Property		47,040,531	39,027,627
Income Tax Refund	37	305,180	4,405,085
Total		148,081,793	140,019,482
PAYMENTS			
Compensation package for Secretary General		3,656,094	3,320,081
Salaries and Allowances	38	24,727,620	18,371,843
Superannuation Relief to Retired Employees		3,541,647	3,013,507
Services & Maintenances	39	4,782,454	5,126,683
Taxes and Utilities	40	25,929,090	23,754,878
Rehabilitation or Refurbishing and Maintenance of ICID CO Building	41	255,108	1,104,185
Publications, Knowledge Management and Disseminations	42	3,457,695	2,884,876
Conference Expenditure	43	1,013,356	894,678
Cooperation with Other Organisation	44	54,071	-
Travel Expenditure	45	862,574	2,493,886
Special Subscription		-	7,969,198
Workshops, Trainings and Studies	46	494,520	2,915,261
Purchase of Fixed Assets	47	177,474	624,158
Other Payments	48	3,369,661	103,627
Cash & Banks (Balance Carry Forward)	31	75,760,429	67,442,621
Total		148,081,793	140,019,482

As per our separate Report of even date
attached

For P.K. Chopra & Co.

Chartered Accountants

Firm Registration No. 006747N

Sd/-

Tarun Kandhari

Partner

Membership No. 074852

Places: New Delhi

Dated: 30th May 2017

For and on behalf of
International Commission on Irrigation and Drainage (ICID)

Sd/-

Vijay K. Labhsetwar

Director

Sd/-

Avinash C. Tyagi

Secretary General

**APPROVED REVISED BUDGET 2017-2018 AND APPROVED BUDGET 2018-2019
AND PRELIMINARY BUDGET 2019-2020 AND FORECAST BUDGET 2020-2021**

		Approved Revised Budget 2017-2018	Approved Budget 2018-2019	Preliminary Budget 2019-2020	Forecast Budget 2020-2021
			₹	₹	₹
I	RECEIPTS				
	1. Membership Subscriptions	17,266,000	19,968,000	20,028,000	20,094,000
	2. Sale of Publications	2,309,304	1,344,000	1,476,000	1,621,000
	3. Special Contribution to ICID Budget	7,000,000	3,399,000	9,504,000	16,698,000
	4. Interest on Fixed Deposits	4,798,000	5,546,000	5,791,000	5,791,000
	5. Other Receipts	2,026,934	2,421,410	5,842,000	1,405,000
	6. Rent and Maintenance Charges	49,264,000	49,264,000	56,461,000	56,461,000
	TOTAL RECEIPTS	82,664,238	81,942,410	99,102,000	102,070,000
II	EXPENDITURE				
	1. Compensation Package for Secretary General	5,135,000	6,819,000	5,771,000	6,118,000
	2. Salaries and Allowances	35,622,980	35,349,000	36,631,000	39,667,000
	3. Superannuation Relief to Retired Employees	5,243,000	4,882,000	5,175,000	5,486,000
	4. Service & Maintenance	7,191,000	7,341,000	7,770,000	8,129,000
	5. Taxes & Utilities	17,470,000	17,525,000	20,005,000	20,236,000
	6. Rehabilitation, Refurbishing and Maintenance of ICID CO Building	3,100,000	1,500,000	1,800,000	500,000
	7. Publication, Knowledge Management and Dissemination	4,741,000	4,417,000	5,104,000	4,797,000
	8. Conference Expenditure	3,500,000	2,100,000	2,700,000	3,200,000
	9. Cooperation with Other Organisations	330,000	330,000	395,000	330,000
	10. Travel Expenditure	1,800,000	2,200,000	2,650,000	2,650,000
	11. Purchase of Office Equipments	1,720,000	800,000	800,000	800,000
	12. Workshops, Training and Studies	1,800,000	2,500,000	2,500,000	2,500,000
	13. Other Expenditure	640,000	142,000	144,000	396,000
	TOTAL EXPENDITURE	88,292,980	85,905,000	91,445,000	94,809,000
	Surplus/(Deficit)	(5,628,742)	(3,962,590)	7,657,000	7,261,000



TECHNICAL SUPPORT PROGRAM (TSP)

I. Background

1. The great challenge for the coming decades will be to increase food production with less water, particularly in countries with limited water and land resources. The effective and sustainable use of water for agriculture has become a global priority of vital importance, requiring urgent and immediate solutions in view of intensifying competition. The importance of Capacity Development for attaining sustainable developments in irrigation, drainage and flood management sectors is fully understood. The consensus among policy-makers in the developing world is that a lack of capacity is constraining the development of irrigated agriculture. Although this concern is not new, it is now receiving much attention in the irrigation and drainage world, where it is becoming an issue in its own right due to the increasing complexities of development, multi-disciplinary nature sustainable solutions, the close linkages between water-food-energy, rapid changes in the irrigation and drainage sector, the need to bring together various stakeholders who might not necessarily be experts. Moreover many countries are facing shortage of qualified technical persons

II Technical Support Program

2. The National Committees of ICID have expressed the need for professional guidance and support from ICID in initiating certain studies and activities. In order to meet this requirement a Technical Support Program is established by ICID. The objective of the Program will be to:

“Undertake capacity development activities in the field of agriculture water management (AWM) in support of rural development”.

3. Technical Support Programme will be implemented by the Technical Support Unit (TSU) which was set up vide ICID notification no. 1/2016 under WG-CDTE with the approval of the International Executive Council (IEC) at its 66th meeting held on 16 October 2015 at Montpellier, France vide IEC Resolution 3/66. keeping in view the need of capacity building, education and awareness of technical staff working in the field of agriculture water management.

4. The scope of work and expected outputs/deliverables of TSP are as follows:

- (a) Support the member countries in:
 - (i) general assessment of gaps in AWM capacities within the countries and suggest possible solutions;
 - (ii) developing feasibility reports for small and medium irrigation, drainage and flood management proposals;
 - (iii) training needs assessment; and
 - (iv) undertaking capacity development programmes.
- (b) Coordinate and execute capacity development programs of ICID under the overall guidance of WG-CDTE and administrative directions of the Core Group; and
- (c) Develop a knowledge base of AWM with the help of ICID working groups, partner institutions and member countries.

III Core Group

5. A Core Group with the following Composition and Terms of Reference (ToR) has also been set up to guide activities under Technical Support Program :

Composition

- | | | |
|-----|-------------------------|------------|
| (a) | President, ICID | - Chairman |
| (b) | Chair, PCTA | - Member |
| (c) | Chair, PCSO | - Member |
| (d) | Chair, AFRWG | - Member |
| (e) | Chair, ASRWG | - Member |
| (f) | Chair, WG-CDTE | - Member |
| (g) | Secretary General, ICID | - Convener |

In addition, the representatives (maximum two at a time) of Financial partner contributing to CDF, particularly supporting specific activities, will be co-opted by the President.

Terms of Reference (ToR)

- (i) Finalizing and prioritizing the work program of TSU;
- (ii) Review and monitor progress of activities of TSU;
- (iii) Take administrative and financial decisions regarding the engagement of volunteers and other experts; and
- (iv) Support resources generation and take all financial decisions

IV Mechanism

6. **Technical Support Unit (TSU)**, will serve to execute the activities under TSP. TSU will consist of distributed network of short-term and long term expert volunteers, who commit to dedicate a maximum of ten man-days for short-term and up to 6 months as long-term experts to the TSU activities. The activities will be supported by a Coordination Unit (CU) established within the Central Office. NCs and other members, including partner institutions, will be requested to depute personnel to the CU of TSU from time to time, as required. Broad terms of reference of long term expert indicating scope of deputation of experts, financial aspects etc. is at **Annexure A**, which also include nomination form (**Annexure B**). Long-term Experts/ professionals will be paid a suitable honorarium in accordance with the Government of India rules, payable by Non-government organization, non-profit organizations such as ICID and approved by the Core Group.

7. Nomination forms for deputation of short term experts is at **Annexure C**. Since short term experts will provide voluntary contributions to the activities of the TSU, ICID will provide honorarium (US\$ 100–150) to them for delivering lectures and preparing lecture material in addition to economy class air fare along with Boarding and Lodging by the Recipient NC. The travel of the expert volunteers in connection with TSU activity and honorarium for the experts, will be supported through CDF.

8. **Request for support from TSU**. In order to get support from the TSU, NCs seeking support from the TSU will submit their request in the prescribed form (**Annexure D**) providing information related to the type of audience who would be benefitting from the program, brief outline of the Program for which support is sought, areas where the external expertise is required, contribution of the recipient NC to the cost of the experts, etc. in a structured format in order to facilitate processing of the request.

9. The status of the requests received from NCs will be maintained in a 'Request Register'. The first priority will be given to the requests where the Recipient NC is ready to provide full financial support for services of the experts in terms of travel, accommodation etc. and involvement of the TSU will essentially be that of facilitation and identifying the experts. The prioritization for support by TSU will be as follows:

- (a) Trainings and Workshops in the recipient country fully funded by the Recipient NC
- (b) Trainings and Workshops in the recipient country partially supported by the Recipient NC
- (c) Study and preparation of the Report on the Capacity Development Needs in a Country
- (d) Preparation of pre-feasibility proposals for small irrigation schemes

10. In case of multiple requests from a particular NC, as far as possible equity will be maintained keeping in view the constraints of the funds. Immediately after receiving the request, TSU will identify the experts in consultation with the Chair/Vice Chairs of the concerned WG. Based on the suggestions received and the roster of short term experts available, the TSU will facilitate the process and depute expert(s) to the Recipient NC for supporting the programme/activity of the NC.

V Fund

11. In order to ensure smooth functioning of TSU, a **Capacity Development Fund (CDF)** is established for the activities of TSU. The Fund will be supported by member countries on a voluntary basis.



Annexure A to Annex R2.1, Para 6

**Terms of Reference for Engaging Expert for
TECHNICAL SUPPORT UNIT (TSU) IN ICID CENTRAL OFFICE**

Post Title: Expert (Agricultural Water Management)
Duty Station: ICID Central Office, New Delhi, India
Duration: Six months (*initially*)

TERMS OF REFERENCE (TOR)**1. Background**

The National Committees of ICID have expressed the need for professional guidance and support from ICID in initiating certain studies and activities. Accordingly, the 66th ICID's International Executive Council meeting held on 16 October 2015 at Montpellier, France, approved the setting up of a Technical Support Unit in ICID vide IEC Resolution 3/66 keeping in view the need of capacity building, education and awareness of technical staff working in the field of agriculture water management. The objective and scope of activities of TSU are as given in the Technical Support Program scheme.

2. Deputation of Expert to Technical Support Unit (TSU)

As per decision of IEC (Resolution 3/66, TSU is being set up in ICID at its Central Office located in Delhi with deputation of experts on short term on voluntary basis from interested National Committees. Brief description of scope of activities and other terms and conditions is given below:

2.1 Broad scope of deputation of expert to TSU

National Committees / Committee are requested to consider deputing their mid-level experts for short term to support activities of TSU on capacity development programme in agricultural water management for least developed countries in Africa and Asia including support to development of proposals for small scale irrigation, flood management and drainage at feasibility level. Broad ToR of experts is given below:

- (a) The Expert nominated by the National Committee / Committee to Technical Support Unit (TSU) will be working on voluntary basis for an initial period of six months.
- (b) Expert should be professionally qualified in the field of Agricultural or Water Resources Engineering, preferably, post-graduate
- (c) At least 10 years work experience in dealing with agricultural and water management issues having experience in the areas of research, capacity development, training, project planning and development etc.
- (d) The Expert should be in the age group of 40 to 50 years of age.
- (e) The Expert should be fluent in Spoken and Written English and computer savvy.

2.2 Financial aspects

The Sponsorship Organisation has to bear all the financial expenses of the expert in terms of salary and allowances, travel expenses, per diem, accommodation, local transport, insurance etc., to undertake the assignment. However, ICID will pay an honorarium of Rs.10, 000/- (US \$ 150) {as per Government of India norms} per month.

2.3 Documents

While deputing expert to TSU, the National Committee may kindly furnish Curriculum Vitaé (CV) of the applicant along with the following documents:

- (a) Educational qualification
- (b) Experience profile
- (c) Copy of passport

The condition for grant of visa for working in India for NGOs and other organizations is available at: <http://mha1.nic.in/foreignDiv/OverviewVisa.html>



Annexure B to Annex R2.1, Para 6

TECHNICAL SUPPORT UNIT IN ICID CENTRAL OFFICE

APPLICATION FORM FOR LONG-TERM EXPERTS

A. Applicant’s personal and experience details

1. Personal Information

Name	
Position	
Organization / Department	

Gender Male Female

Date of birth: Day Month Year

Nationality

Contact details including e-mail

Passport Details <i>(attach a copy)</i>	Number	Validity		Issuing authority	

2. Educational background and experience (Attach brief CV):

- (i) Degree & above:
- (ii) Brief details of experience in the field of agricultural water management, flood management, drought and related areas with expertise in research, capacity development, training, project planning and development, *(use separate sheet, if required.)*:
- (iii) Specify experience on development of proposals for small scale irrigation, flood management and drainage at feasibility level, if any:
- (iv) Experience of working in least developed countries in Africa and Asia, if any:

3. Other details (please specify):

	Fair	Good	Excellent
Knowledge of English			
Spoken			
Written			

- i. Are you willing to work in least developed countries of Africa and Asia on short term basis?

Date: _____ Signature: _____

B. Recommendation by Sponsoring Organisation

Mr / Ms _____ is sponsored to work in Technical Support Unit of ICID, New Delhi. This is to certify that the above information is correct best to our knowledge. We undertake to bear all financial expenses of the expert in terms of salary and allowance, travel expenses, per diem, accommodation, local transport, insurance etc. to undertake the assignment.

Name of the person

Position

Name of Sponsoring Organization

Date: _____

Signature: _____

C. Recommendation by the ICID National Committee

Mr / Ms _____ is recommended to work in Technical Support Unit of ICID, New Delhi.

Name of the person

Position

Name of National Committee

Date: _____

Signature: _____



Annexure C to Annex R2.1, Para 7

**TECHNICAL SUPPORT UNIT IN ICID CENTRAL OFFICE
NOMINATION FORM FOR SHORT TERM EXPERT**

A. Personal and experience details

1. Personal Information

Name	
Position	
Organization / Department	

Gender Male Female

Date of birth: Day Month Year

Nationality
 Contact details including e-mail

Passport Details <i>(attach a copy)</i>	Number	Validity	Issuing authority	
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2. Educational background and experience (Attach brief CV):

- (i) Degree & above:
- (ii) Brief details of experience in the field of agricultural water management, flood management, drought and related areas with expertise in research, capacity development, training, project planning and development, *(use separate sheet, if required.)*:
- (iii) Specify experience on development of proposals for small scale irrigation, flood management and drainage at feasibility level, if any:
- (iv) Experience of working in least developed countries in Africa and Asia, if any:

3. Expertise in fields related to Agriculture Water Management (select any three)

- Agronomy related aspects
- Bio-Drainage
- Climate Change Adaptation
- Drainage
- Development of Tidal Areas for Agriculture
- Drought Management
- Environmental Aspects of Irrigation & Drainage
- Flood Management
- Irrigation Development & Management
- On-Farm Management

- Participatory Irrigation Management
- Use of Poor Quality Water in Agriculture
- Any other (Please specify)

4. Knowledge of Languages (please specify):

Languages	Fair	Good	Excellent
i. English			
Spoken			
Written			
ii. French			
Spoken			
Written			
iii. Any other			
Spoken			
Written			

iv. Are you willing to work in least developed countries of Africa and Asia on short term basis?

Date: _____

Signature: _____

B. Recommendation by Sponsoring Organisation

Mr. _____ is sponsored as Short Term Expert (upto 10 days) to support activities of the Technical Support Unit of ICID, New Delhi. We undertake to bear financial expenses of the expert in terms of salary and allowance during period of assignment.

We understand that ICID / Host country will make arrangement for travel and accommodation and Expert would be paid honorarium as per ICID norm.

Name of the person

Position

Name of Sponsoring Organization

Date: _____

Signature: _____

C. Recommendation by the ICID National Committee

Mr. _____ is recommended to work as Short Term Expert to support activities of Technical Support Unit of ICID, New Delhi.

Name of the person

Position

Name of National Committee

Date: _____

Signature: _____

Annexure D to Annex 3, Para 8

**TECHNICAL SUPPORT UNIT IN ICID CENTRAL OFFICE
REQUEST FORM FOR NATIONAL COMMITTEES**

1. Name of the National Committee

2. Request submitted for (please ✓ applicable one and insert the title in the box below):

- (a) Workshop/ Training in the Country
- (b) Exchange Visit to another NC
- (c) Study/ Gap Analysis of Capacity Development in the country
- (d) Pre-feasibility report preparation

3. Topics of the Workshop/Training or the Scope of the Study

4. Target audience for the Workshop/Training:

5. Approximate dates and duration of the event

(Please give 6 months advance notice and a flexible time schedule):

6. Priority of the request (if more than one request is submitted in a given financial year):

7. Please indicate which of the following costs the NC will be able to meet (please ✓ applicable box):

No.	Item	Yes	No	N/A
1	International Air Travel costs by Economy Class			
2	Internal travel/transportation costs (within the country)			
3	Boarding and Lodging of the Experts			
4	Training material including its reproduction			
5	Honorarium to the Expert			
6	Videography of the lecture proceedings			
7	Surveys or studies required from local experts			

8. Outline of the proposed Training/Workshop/Study

(Also, please *attach* a brief outline of the event or study, the list of topics of lectures, the lectures taken by local experts and those required from ICID-TSU External Experts):

Attached Not attached

9. Other National Institutions involved in the activity:

10. Contact person for the activity:

11. Any additional information:

Signed/submitted by:

President/Chair/Secretary-General/Secretary
of the National Committee/Committee

(Please affix the signature)

Place:

Date:



**REPORT OF THE
SUB-COMMITTEE TO LOOK AT THE POSSIBLE CHANGES
IN CONSTITUTION / BY-LAWS**

A. BACKGROUND

The International Executive Council at its 67th meeting held in Chiang Mai, Thailand on 12 November 2016, approved the suggestion of dual membership for National Committee members in the National Committee as well as in ICID with a single subscription and requested Secretary General to come up with appropriate amendments in ICID Constitution and By-laws consequent upon this decision and present the same in the 2017 meeting of the Council in Mexico City.

The Council also noted the suggestion by PCTA to allow more than one member from one NC in a WG and approved the setting up of a Sub-committee consisting of Strategy Theme Leaders and the Secretary General to investigate the structure, scheduling of meetings and membership of the WGs and changes, if any, required to be taken up in the Constitution or By-laws that would be presented at the Mexico meeting of the Council.

Following 67th IEC's observations and decision, the Management Board at its first Virtual Meeting (MB1/17) held on 17 January 2017 constituted a Sub-Committee to look at the possible changes in Constitution and By-laws and to come up with suitable amendments, notified vide Notification No.7 of 2017 dated 20 April 2017. The composition and mandate of the Committee, thus constituted are given below:

Composition

1. President Hon. Peter Lee	Chair
2. VPH Felix Reinders	Member
3. VP Bong Hoon Lee	Member
4. VPH Ragab Ragab	Observer
5. Er. Avinash C. Tyagi	Member Secretary

Mandate

- (i) Granting dual membership of the members of the National Committee as well as ICID with a single subscription.
- (ii) Changes in membership of the WGs, particularly with regard to admitting more than one member from a National Committee in a WG other than nominated YP member based on recommendation of the Sub-Committee to Investigate the structure, scheduling of meetings and membership of Working Groups (SC-SSMWG)
- (iii) Recommendations of Task Force on Revitalization of ICID Network (TF-REV)
- (iv) Recommendations of Task Force to Review the Membership Structure and Annual Membership Subscription Formulae (TF-AM)
- (v) Any other changes that may be put up to the Committee for its consideration.

B. RECOMMENDATIONS

4. The Committee considered the issues of granting dual membership and deliberated on the recommendations of TF-REV and SC-SSMWG at its Virtual meeting held on 30 June 2017. Accordingly, the Sub-Committee suggested suitable amendments to the existing Constitution and By-laws that have been in force since 2014. The Committee has taken special care in defining terms such as 'dual membership' and 'National Committee' in order to capture the intent and purpose in its entirety.

5. To have an 'at a glance' look, the existing text and proposed amendments suggested by the Committee are given side by side in a tabulated form at **Annexures 1 and 2** of this report.

6. The constitution and by-laws in its complete form, clearly indicating the changes proposed by the Sub-Committee which can be accessed or downloaded from http://www.icid.org/icid_constitution.pdf and http://www.icid.org/icid_bylaws.pdf.



Annexure 1 to Annex R4.1 (Para 5)

EXISTING / PROPOSED CHANGES IN ICID CONSTITUTION

Sl. No.	Existing	Proposed Changes	Comments by National Committees, if any
1	<p>ARTICLE (2) – OBJECTS</p> <p>Mission</p> <p>2.1 The Mission of the International Commission on Irrigation and Drainage is to stimulate and promote the development of the arts, sciences and techniques of engineering, agriculture, economics, ecology and social science in managing water and land resources for irrigation, drainage, flood management and river training applications, including research and development and capacity building, adopting comprehensive approaches and up-to-date techniques for sustainable agriculture in the world.</p>	<p>ARTICLE (2) – OBJECTS</p> <p>Vision</p> <p>2.1 The Vision of the International Commission on Irrigation and Drainage is a "Water secure World, free of poverty and hunger through sustainable rural development".</p> <p>Mission</p> <p>2.2 The Mission of the International Commission on Irrigation and Drainage is to work together towards sustainable agriculture water management through inter-disciplinary approaches to economically viable, socially acceptable and environmentally sound irrigation, drainage and flood management.</p> <p>Organisation Goals</p> <p>2.3 The Commission set following six organisation goals to achieve its vision and mission:</p> <ul style="list-style-type: none"> (i) Enable higher crop productivity with less water and energy (ii) Be a catalyst for change in policies and practices (iii) Facilitate exchange of information, knowledge and technology (iv) Enable cross disciplinary and inter-sectoral engagement (v) Encourage research and support development of tools to extend innovation into field practices (vi) Facilitate capacity development 	<p>Taking recognition of the ICID Vision 2030 adopted by IEC in its 66th Meeting in Montpellier</p>
2	<p>Scope</p> <p>2.2 The Commission in achieving its mission may consider the following objectives:</p>	<p>Scope</p> <p>2.4 The Commission in achieving its vision and mission may consider the following objectives:</p>	<p>Taking recognition of the ICID Vision 2030 adopted by IEC in its 66th Meeting in Montpellier</p>
3	<p>2.3 The Commission will accomplish its mission by:</p>	<p>2.5 The Commission will accomplish its vision and mission by:</p> <p>Added:</p> <p>(g) Promoting capacity development programmes and encouraging participation of Young Professionals in agriculture water management sector as well as activities of the Commission, and</p>	<p>Taking recognition of the ICID Vision 2030 adopted by IEC in its 66th Meeting in Montpellier</p>
4	<p>ARTICLE (3)– MEMBERSHIP</p> <p>Basis of Membership</p> <p>3.3 Individuals, institutions and companies from those countries that are not a Member of ICID, or those countries where the constitution of the National Committee does not have provision for the participation of individuals, institutions or companies, can become a direct member (Article 5) of ICID, provided they abide by the constitution of ICID.</p>	<p>ARTICLE (3)– MEMBERSHIP</p> <p>Basis of Membership</p> <p>3.3 Individuals, institutions and companies that actively participate in the activities of the National Committees automatically become constituent members of ICID. Individuals, institutions and corporates from those countries that are not a Member of ICID, or those countries where the constitution of the National Committee does not have provision for the participation of individuals, institutions or companies, can become a direct member (Article 5) of ICID, provided they abide by the constitution of ICID.</p>	<p>Dual membership is defined as "constituent members". NEW</p>
5	<p>ARTICLE (4) – NATIONAL COMMITTEES</p> <p>Composition</p> <p>4.1 Each National Committee may be constituted in the manner desired by each country in conformity with the</p>	<p>ARTICLE (4) – NATIONAL COMMITTEES</p> <p>Composition</p> <p>4.1 Each National Committee may be constituted in the manner desired by each country in conformity with the provisions of this Constitution but it is recommended that, as far</p>	

Sl. No.	Existing	Proposed Changes	Comments by National Committees, if any
	provisions of this Constitution but it is recommended that, as far as possible, each National Committee shall be composed of representatives of officers of government(s), technical and scientific organizations, government and non-government institutions, irrigators, companies and individuals with interests concerned with, or desirous of promoting and furthering the mission and objectives of the Commission.	as possible, each National Committee shall be composed of representatives of government departments, technical and scientific organizations, government and non-government institutions, irrigators, companies and individuals with interests concerned with, or desirous of promoting and furthering the vision mission and objectives goals of the Commission. Added: 4.2 A National Committee may be constituted by a group people (minimum 12) having an interest in furthering the vision and goals of the Commission and willing to work voluntarily, provided they satisfy the Commission of the group's position to represent the country and act effectively as a National Committee. The National Committee shall provide appropriate documentation of its constitution and registration in accordance with the laws and customs of the country."	New Definition of NCs is proposed for those countries where Govt institutions are not in the forefront and professionals in the country wish to come together to form a NC
6	ARTICLE (5) – DIRECT MEMBERS 5.1 Direct membership of the Commission may comprise: (a) Individual Members; (b) Corporate Members; or (c) Institutional Members.	ARTICLE (5) – DIRECT MEMBERS 5.2 Direct membership of the Commission may comprise: (d) Direct Individual Members; (e) Direct Corporate Members; or (f) Institutional Members.	{ <i>Comment: Moved to By-law Clause 9.2</i> }
7	5.3 Direct membership shall be open to any individual, institution or companies that meet the criteria of articles 3.3 and 3.4. In addition to individuals, direct members may comprise government and non-government institutions; technical, scientific and educational organisations; and private companies or private institutions/ organisations with interests in and desirous of promoting and furthering the mission and objectives of the Commission.	5.2 Direct membership shall be open to any individual, institution or companies corporate body that meet the criteria of articles 3.3 and 3.4. In addition to individuals, direct members may comprise government and non-government institutions; technical, scientific and educational organisations; and private companies or private institutions/ organisations with interests in and desirous of promoting and furthering the mission and objectives of the Commission.	
8	ARTICLE (6) – INTERNATIONAL EXECUTIVE COUNCIL Decisions 6.12 In the interest of furthering the mission and objectives of the Commission, the Council may take all such action as it may consider necessary within the framework of this Constitution.	ARTICLE (6) – INTERNATIONAL EXECUTIVE COUNCIL Decisions 6.12 In the interest of furthering the vision, mission and objectives goals of the Commission, the Council may take all such action as it may consider necessary within the framework of this Constitution.	
9	Notification to Banks 7.11 Information about the exigency mentioned in Articles 7.9 and 7.10 will be given to the Banks by the President, in order to enable the continuance of operations on the accounts of the Commission by a designated employee until the recovery of the Secretary-General or the appointment of the new Secretary-General as the case may be. The Banks shall also be informed that instead of the Secretary-General, until further notice, the President, shall act as the First Trustee of the ICID Contributory Provident fund.	Notification to Banks 7.11 Information about the exigency mentioned in Articles 7.9 and 7.10 will be given to the Banks by the President, in order to enable the continuance of operations on the accounts of the Commission by a designated employee until the recovery of the Secretary-General or the appointment of the new Secretary-General as the case may be. The Banks shall also be informed that instead of the Secretary-General, until further notice, the President, shall act as the First Trustee of the ICID Contributory Provident fund.	{ <i>Comment: No more required</i> }
10	Secretary-General: Responsibilities 7.18 In addition to other duties outlined herein, the Secretary-General shall be directly responsible for the promotion of	Secretary-General: Responsibilities 7.18 In addition to other duties outlined herein, the Secretary-General shall be directly responsible for the promotion of ICID, for the	

Sl. No.	Existing	Proposed Changes	Comments by National Committees, if any
	<p>ICID, for the development and maintenance of relationships with international organizations, and for carrying out studies and promoting good policies for irrigation and drainage practices worldwide.</p>	<p>development and maintenance of relationships with international organizations, and for carrying out studies and promoting good policies for agriculture water management including irrigation and drainage practices worldwide.</p>	
11	<p>ARTICLE (11) – DUES, SUBSCRIPTIONS AND FUNDS Annual Subscriptions 11.1 In order to defray the cost of the activities of the Commission or for special purposes, the Member National Committees and direct Members shall regularly pay to the order of the Secretary-General annual subscriptions (in as near the beginning of each calendar year as may be possible) on the basis pre-determined by the Council. National Committees of Member countries and direct members shall also pay such other special subscriptions as may be determined by the Council.</p>	<p>ARTICLE (11) – DUES, SUBSCRIPTIONS AND FUNDS Annual Subscriptions 11.1 In order to defray the cost of the activities of the Commission or for special purposes, the Member National Committees and direct Members shall regularly pay to the order of the Secretary-General annual subscriptions (in as near the beginning of each calendar year as may be possible) on the basis pre-determined by the Council. National Committees of Member countries and direct members shall also pay such other special subscriptions as may be determined by the Council. Membership subscription will be on a calendar year basis.</p>	



Annexure 2 to Annex R4.1 (Para 5)

EXISTING / PROPOSED CHANGES IN ICID BY-LAWS

Sl. No.	Existing	Proposed Changes	Remarks by National Committees, if any
1	<p>3.5 Limitation on Members: The membership of the work bodies shall be on an honorary basis (at least so far as the Commission is concerned). No person shall be a member of more than three (3), work bodies not counting Office-Bearers Committee, Management Board or Staff Committee. Direct members shall be the members of not more than three (3) work bodies. Members of work bodies not contributing by their attendance/correspondence for two consecutive years shall be replaced on the recommendations of the Chairman of the work body. For a wider representation of countries in a workbody, not more than two nominations from one country shall be accepted, provided one of the two nominees is a young professional.</p>	<p>3.5 Limitation on Members: The membership of the work bodies shall be on an honorary basis (at least so far as the Commission is concerned). No person shall be a member of more than three (3), work bodies not counting Office-Bearers Committee, Management Board or Staff Committee. Direct members shall be the members of not more than three (3) work bodies. Members of work bodies not contributing by their attendance/ correspondence for two consecutive years shall be replaced on the recommendations of the Chairman of the work body. For a wider representation of countries in a permanent workbody, not more than two one nominations from one country shall be accepted. In the case of a temporary work body, not more than four members may be nominated by a particular National Committee, provided at least one of the additional members is a young professional, and together they do not exceed 20% of the strength of the work body.</p>	Changes as suggested by the (SC-SSMWG)
2	<p>3.9.4 The Permanent Committee for Technical Activities (PCTA) (b) The Permanent Committee for Technical Activities will be composed of the Secretary-General, a minimum of nine and a maximum of fifteen elected members, as well as ex-officio members. The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among the Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Commission at the time of appointment of the Chairperson. The Chairpersons of the work bodies reporting to the Permanent Committee on Technical Activities (PCTA) shall be the ex-officio members of the Committee.</p>	<p>3.9.4 The Permanent Committee for Technical Activities (PCTA) (b) The Permanent Committee for Technical Activities will be composed of the Secretary-General, who will act as the Secretary of the Committee, a minimum of nine and a maximum of fifteen elected members, as well as ex-officio members. The Chairperson of this Committee shall be chosen at the Executive Council meeting either from among the Office-Bearers (preferably those in offices) elected to this Committee or others who shall have been in service on the Commission at the time of appointment of the Chairperson. The Chairpersons of the work bodies reporting to the Permanent Committee on Technical Activities (PCTA) shall be the ex-officio members of the Committee.</p>	To ensure compatibility in the working of all the three permanent committees.
3	<p>3.9.5 The Permanent Committee on Strategy and Organization (PCSO) (a) The Permanent Committee on Strategy and Organization (PCSO) will undertake issues related to strategic planning for ICID and shall be concerned with expanding the ICID network by increasing the number of member countries, assisting the National Committees to become more active in their own countries and to achieve goals set for them from time to time, and increasing the participation of</p>	<p>3.9.5 The Permanent Committee on Strategy and Organization (PCSO) (a) The Permanent Committee on Strategy and Organization (PCSO) will undertake issues related to strategic planning for ICID and shall be concerned with expanding the ICID network by increasing the number of member countries, assisting the National Committees to become more broad-based and active in their own countries and to achieve goals set for</p>	

Sl. No.	Existing	Proposed Changes	Remarks by National Committees, if any
	<p>Direct members. The Committee will coordinate the activities of the Vice-Presidents in this area.</p> <p>(c) The Permanent Committee on Strategy and Organization will be composed of the incumbent Vice-Presidents, the Secretary-General and three immediate past Vice-Presidents. The Chairperson of the Committee will be nominated by the President in consultation with the Secretary-General from amongst the incumbent Vice-Presidents. The Chairperson shall serve the Committee during the tenure of membership of this Committee.</p>	<p>them from time to time, and increasing the participation of Direct members. The Committee will coordinate the activities of the Vice-Presidents in this area.</p> <p>(c) The Permanent Committee on Strategy and Organization will be composed of the incumbent Vice-Presidents, the Secretary-General, who will act as the Secretary of the Committee, and three immediate past Vice-Presidents. The Chairperson of the Committee will be nominated by the President in consultation with the Secretary-General from amongst the incumbent Vice-Presidents. The Chairperson shall serve the Committee during the tenure of membership of this Committee.</p>	<p>To ensure compatibility in the working of all the three permanent committees.</p>
4	<p>BY-LAW (4) – INTERNATIONAL EXECUTIVE COUNCIL</p> <p>4.1.2 Contents of Agenda: The agenda shall include the following:</p> <p>(i) Report and recommendations of the Management Board</p>	<p>BY-LAW (4) – INTERNATIONAL EXECUTIVE COUNCIL</p> <p>4.1.2 Contents of Agenda: The agenda shall include the following:</p> <p>(i) DELETED</p>	
5	<p>5.8 Obligations of the Host National Committee</p> <p>5.8.2 For a Congress, WIF, and IEC meeting: In addition to the requirements of rules as may be prescribed from time to time, the host National Committee will assume the following obligations:</p> <p>(c) One delegate each from international organizations participating in UN-Water, up to a maximum of five, as may be approved by the Council, when invited by the ICID Central Office, will be allowed to participate without payment of registration fee. Management Board shall review the list of invitees exempted from payment of registration fees every year and recommend to the Council appropriate changes as necessary.</p> <p>(e) Provide fifty percent waiver in registration fee to five Young Professional (below the age of forty years) participating in the event.</p>	<p>5.8 Obligations of the Host National Committee</p> <p>5.8.2 For a Congress, WIF, and IEC meeting: In addition to the requirements of rules as may be prescribed from time to time, the host National Committee will assume the following obligations:</p> <p>(c) One delegate each from international organizations participating in UN-Water, up to a maximum of five ten, as may be approved by the Council, when invited by the ICID Central Office, will be allowed to participate without payment of registration fee. Management Board shall review the list of invitees exempted from payment of registration fees every year and recommend to the Council appropriate changes as necessary.</p> <p>(e) Provide fifty percent waiver in registration fee to five ten Young Professional (below the age of forty years) participating in the event.</p>	
6	<p>5.9 Transactions of a Congress/Forum</p> <p>5.9.2 The procedure to be followed by the Central Office for the distribution of Transactions to intending participants in a Congress/Forum shall be as follows:</p> <p>(b) As soon as the printed copies of the Transactions are ready, the Central Office shall send to each member National Committee, Corporate members and Institutional members two copies and each</p>	<p>5.9 Transactions of a Congress/Forum</p> <p>5.9.2 The procedure to be followed by the Central Office for the distribution of Transactions to intending participants in a Congress/Forum shall be as follows:</p> <p>(b) As soon as the printed copies of the Transactions are ready, the Central Office shall send to each member National Committee,</p>	

Sl. No.	Existing	Proposed Changes	Remarks by National Committees, if any
	individual member one copy, for their record and use by surface mail.	Corporate members and Institutional members two copies and each direct individual member one copy, for their record and use by surface mail.	
7	<p>BY-LAW (9) – FORM OF APPLICATION FOR MEMBERSHIP</p> <p>9.2 The forms to be filled in by the potential direct members shall be as prescribed by the Council and modified from time to time and set out in the Handbook of Practices.</p>	<p>BY-LAW (9) – FORM OF APPLICATION FOR MEMBERSHIP</p> <p>9.2 The forms to be filled in by the potential direct members shall be as prescribed by the Council and modified from time to time and set out in the Handbook of Practices. Direct membership of the Commission may comprise:</p> <p>(a) Direct Individual Members;</p> <p>(b) Direct Institutional Members, or</p> <p>(c) Direct Corporate Members.</p> <p>Added:</p> <p>9.3 All the members of a National Committees, whose list and contact details are provided by the Chairperson or Secretary, and updated from time to time, shall be provided a certificate recognizing them as constituent member of ICID, which will run concurrent with the membership of the NC.</p>	<i>Shifted from Article 5.1 of the Constitution</i>
8	<p>BY-LAW (10) – PARTICIPATION OF NON-MEMBERS IN A CONGRESS/FORUM</p> <p>10.1 Purpose</p> <p>ICID encourages the participation of non-members in Congress/Forum, provided the host National Committee and the Central Office have no objection to their participation. The overall aim is to ensure maximum possible cooperation among all stakeholder in irrigation, drainage and flood management of the world and others to promote the mission and objectives of the Commission and to encourage all to derive benefits therefrom.</p>	<p>BY-LAW (10) – PARTICIPATION OF NON-MEMBERS IN A CONGRESS / FORUM</p> <p>10.1 Purpose</p> <p>ICID encourages the participation of non-members in Congress/Forum, provided the host National Committee and the Central Office have has no objection to their participation. The overall aim is to ensure maximum possible cooperation among all stakeholder in irrigation, drainage and flood management of the world and others to promote the mission and objectives of the Commission and to encourage all to derive benefits therefrom.</p>	
9	<p>10.2 Conditions of Participation</p> <p>Apart from such other conditions as may be laid down by the Council, the following shall apply.</p> <p>(b) Non-members may submit papers for discussions at a Congress/Forum provided the papers are accepted by the Review Committee / Central Office and processed according to the accepted procedures.</p>	<p>10.2 Conditions of Participation</p> <p>Apart from such other conditions as may be laid down by the Council, the following shall apply.</p> <p>(b) Non-members may submit papers for discussions at a Congress/Forum provided the papers are accepted by the Review Committee / Central Office and processed according to the accepted procedures.</p>	
10	<p>13.2 Three Years in Arrears</p> <p>13.2.1 In case of non-payment of annual subscription for a period of three years or more, the member NC shall be designated as “Associate Member”, provided that before reaching such decision the Council shall</p>	<p>13.2 Three Years in Arrears</p> <p>13.2.1 In case of non-payment of annual subscription for a period of three years or more, the member NC shall be designated as “Associate Member”, provided that before</p>	

Sl. No.	Existing	Proposed Changes	Remarks by National Committees, if any
	have given an opportunity to the NC to clear the arrears of subscription by a specified date.	reaching such decision the Council shall have given an opportunity to the NC to clear the arrears of subscription by a specified date. Consequently, members of the NC shall also lose their constituent membership of ICID simultaneously.	



**List of participants at the
68TH INTERNATIONAL EXECUTIVE COUNCIL (IEC) MEETING
14 October 2017, Mexico City, Mexico**

(A) OFFICE BEARERS**President**

1. Dr. Saeed Nairizi (Iran)

Vice Presidents

2. Dr. Mohamed Abd-El-Moneim Wahba (Egypt)
3. Dr. Ding Kunlun (China)
4. Mr. Bong Hoon Lee (Korea)
5. Prof. Dr. Charlotte de Fraiture (The Netherlands)
6. Mr. Ian William Makin (United Kingdom)
7. Dr. (Mrs.) Irena G. Bondarik (Russia)
8. Mr. Waseem Nazir (Pakistan)
9. Er. Madhav Belbase (Nepal)

Secretary General

10. Er. Avinash C. Tyagi, ICID (India)

(B) CHAIRPERSONS OF PERMANENT COMMITTEES

1. Vice President Laurie C. Tollefson (Canada), PFC
2. Vice President Ding Kunlun (China), PCTA
3. Vice President Bong Hoon Lee (Korea), PCSO

(C) PAST PRESIDENTS

1. Prof. Dr. Chandra Madramootoo (Canada)
2. Dr. Gao Zhanyi (China)
3. Prof. dr. Ir. Bart Schultz (The Netherlands)
4. Mr. Peter S. Lee (United Kingdom)

(D) PAST VICE PRESIDENTS

1. Mr. Laurie C. Tollefson (Canada)
2. Mr. Shinsuke Ota (Japan)
3. Dr. Laszlo G. Hayde (Hungary)
4. Er. A.B. Pandya (India)
5. Mr. Adama SANGARE (Mali)
6. Dr. A. Hafied A. Gany (Indonesia)
7. Eng. Felix B. Reinders; Dr. Gerhard R. Backeberg (South Africa)
8. Dr. Ragab Ragab (United Kingdom)

(E) NATIONAL COMMITTEES / COMMITTEE

- | | |
|---|-----------|
| 1. Mr. Momir Vranes; Ms Kathleen Heuvel | Australia |
| 2. Mr. Laurie C. Tollefson; Mr. Warren Helgasun | Canada |
| 3. Mr. Gao Lihui | China |
| 4. Dr. Mohamed Abd-El-Moneim Wahba | Egypt |
| 5. Mr. Hannes Puu | Estonia |
| 6. Mr. Olli-Matti Verta | Finland |
| 7. Dr. Dominique ROLLIN; Mr. Bernard Vincent | France |
| 8. Dr. Laszlo G. Hayde | Hungary |
| 9. Dr. K. Yella Reddy | India |
| 10. Mr. Syaiful Mahdi; Mr. Bernard Parulian | Indonesia |
| 11. Mr. Ali Reza Salamat; Dr. M. Ehsani | Iran |
| 12. Dr. Marco Arcieri | Italy |
| 13. Mr. Sato Yohei; Mr. Mitsuo Ishijima | Japan |
| 14. Mr. Eun Hee Seo; Mr. Jung Seok Jang | Korea |

15.	Mr. Mohd. Adnan Ahmad Fauzi; Mr. Mukhlis Zainol Abidin	Malaysia
16.	Mr. Adama SANGARE	Mali
17.	Dr. Sean Cázares Ahearne Carlos; Dr. Gustavo Hinojosa	Mexico
18.	Dr. Bartali El Houssine	Morocco
19.	Mr. Mu Mu Than	Myanmar
20.	Mr. Ashok Singh; Mr. Bashu Dev Lohanee	Nepal
21.	Prof.dr. Ir. Bart Schultz	The Netherlands
22.	Rev. Michael I. Mwabufo; Dr. Ado Khalid Abdullahi	Nigeria
23.	Mr. Waseem Nazir	Pakistan
24.	Dr. (Mrs.) Irena G. Bondarik	Russia
25.	Dr. Sylvester Mpandeli	South Africa
26.	Mr. Omer Farut Akbulut; Mr. Hasan Basri Yuksel	Turkey
27.	Prof. Peter Kovakenko	Ukraine
28.	Dr. Ragab Ragab	United Kingdom
29.	Dr. Brian T. Wahlin; Mr. Larry D. Stephens	USA
30.	Dr. Shukhrat Mukhamedjanov	Uzbekistan
31.	Mr. Tanislaus M. Chisakuta; Mr. Cornelius Mulako Sitali	Zambia
32.	Dr. Ruey-Chy Kao, Mr. Kuang-Ming Chuang	Chinese Taipei

(F) OBSERVERS

1. Mr. Bryan Ward (Australia)
2. Ms Marine Egutia (Georgia)
3. Mr. Yasukhki Saiki; Mr. Mamoru Watanabe; Mr. Hito Tada; Mr. Yoji Imayoshi; Mr. Takeshi Kikutsuji; Mr. Hidefumi Murashita; Mr. Yuta Takeno; Mr. Mitsuo Ishijima; Mr. Naoki Hayashida (Japan)
4. Dr. Kamran Emami (Iran)
5. Mr. Jisun Kim; Mr. Jong Myong Kim; Mr. Jong Hyun Baik; Mr. Geumjun Lee; Ms Kyung Sook Choi; Mr. Seung Won Lee (Korea)
6. Mr. Mukhlis Bin Zainol Abidin (Malaysia)
7. Mr. Guillermo Guterez Gomez; Ms Patricia Herrera Ascencio; Mr. Marcos Cerritto; Mr. Benjimin Jimenez Almvas; Ms Paemla Rojas; Mr. Francisco Escobar (Mexico)
8. Ms Mona Liza F. Delos Reyes (Philippines)
9. Dr. Hakan Aksu; Mr. Yalçın Dalgın; Mr. S. Aydin Aytay (Turkey)
10. Mr. Franklin Dimick (USA)
11. Mr. Tran Chi Trung (Vietnam)



**IMPORTANT DECISIONS TAKEN BY THE
MANAGEMENT BOARD ON BEHALF OF IEC
BETWEEN
67TH IEC MEETING (CHIANG MAI, NOVEMBER 2016) AND
68TH IEC MEETING (MEXICO CITY, OCTOBER 2017)**

(And the actions taken thereon)

Decisions by the MB Meetings	Decision of 68th IEC
I. Virtual Management Board Meeting No.1/17, 17 January 2017 (via Web Conferencing)	
1. Approved inclusion of VP Dr. Waseem Nazir as a member of CG-Vision	Endorsed.
2. Approved the holding of series of Webinars as an efficient tool to disseminate and share knowledge and vast expertise available within and outside ICID fraternity.	Endorsed.
3. Approved the staff matters such as (i) revised medical allowance rules for ICID staff; (ii) reconstitution of ICID Pay Adjustment Committee and (iii) Provisional dissolution of ICID Staff Contributory Provident Fund Trust.	Endorsed.
II. Virtual Management Board Meeting No.2/17, 26 April 2017 (via Web Conferencing)	
4. Approved the process for appointment of new Secretary General and the constitution of a Selection Committee for the same.	Endorsed.
5. Approved the revised Human Resources Plan for ICID Central Office in view of newly adopted Vision, Mission and Goals of ICID.	Endorsed.
III. Virtual Management Board Meeting No.3/17, 23 May 2017 (via E-mail)	
6. Approved proposed negotiated rates of subscription for "Irrigation & Drainage" for the year 2018 @ US\$ 48 for "Online" and US\$ 59 for "Online + Print" for ICID member subscriptions which will be placed before PFC prior to its approval in 68 th IEC.	Endorsed.
7. Approved the newly proposed dates of 2-7 May 2018 (limited to 3/4 days) for holding the 8th Asian Regional Conference in Kathmandu, Nepal as proposed by the Nepal National Committee of ICID vide their e-mail dated 18 May 2017.	Endorsed.



PRESENTATION ON STRATEGY THEME “SCHEMES”
Vice President Dr. Ding Kunlun, Co-Theme Leader
(Jointly with Co-Theme Leaders VPs Ian W Makin and Dr. Irene Bondarik)

I. Introduction

The technical activities of ICID are organized under four Strategy Themes, viz. Knowledge, Schemes, Basin and On-Farm. The topics addressed by each theme are as follows.

1. **Strategy Theme – Knowledge (ST-K):** training, research, technology transfer, publications, and flood management;
2. **Strategy Theme – Schemes (ST-S):** institutional & organizational aspects, revitalization, modernization, development and management with sustainability, and water saving in irrigation;
3. **Strategy Theme – Basin (ST-B):** policy/planning framework, economic and legal issues, institutional aspects, water and soil resources management, environment and sustainable development;
4. **Strategy Theme – On-Farm (ST-OF):** irrigation management and farming techniques, drainage management and farming techniques in the catchment.

Every four years by rotation, the Co-Theme Leaders of one of the strategy themes will make a report and presentation on the Strategy Theme assigned to them, to take an overview of the theme, analyzing the activities undertaken by the working groups under the strategy theme and identification of gaps, if any, in fulfilling the objectives of ICID relating to that theme.

This year in 2017, at the 68th IEC in Mexico City, Mexico on 14 October 2017, it is the turn for the presentation on the ST-Schemes by its Co-Theme Leaders. This report was prepared by the Co-Theme leaders of the ST-Schemes to analyze the mandates of the working groups under it and their appraisal, vision, and future directions.

(a) Working Groups under ST-Schemes

There are following five working groups reporting to PCTA under ST-Schemes:

- (1) Working Group on Sustainable Drainage Management (WG-SDRG)
- (2) Working Group on Institutional Aspects of Irrigation / Drainage System (WG-IOA)
- (3) Working Group on Modernization & Revitalization of Irrigation Schemes (WG- M&R)
- (4) Working Group on Water Saving in Irrigated Areas (WG-WATS)
- (5) Working Group on Irrigation Development and Management (WG-IDM)

(b) Mandates of the WGs under ST-Schemes

WG-SDRG: (a) To promote drainage as part of integrated water resources management; and (b) To promote sustainable approaches for drainage and related projects through a balanced integration of (i) environmental, (ii) economic, and (iii) social and cultural aspects. The WG will work on – (a) Soil management and (integrated) water (resources) management; (b) Traditional and wise drainage management including (i) dry drainage and bio drainage, (ii) arid and semi-arid zones v/s rain fed zones, and (iii) controlled drainage and regulated drainage; (c) Operation and maintenance; (d) Promotion of multi-stakeholders approaches; (e) Reuse and multiple uses; (f) Promotion of risk assessment under global change, and (g) Assessment of drainage needs.

WG-IOA: The scope of the WG is to investigate, analyse and disseminate information and knowledge on following issues: (1) Legal Framework and Organizational Structures of Water User Association for Water Supply Services including- (a) institutional and organizational requirements for sustainable operation and maintenance of irrigation/drainage systems, (b) improvement of organizational arrangements for management, operation and maintenance of irrigation/drainage systems, (c) financing of operation and maintenance of irrigation/drainage schemes, (d) approaches and requirements for water regulatory authorities, land property questions, water rights, and (e) roles, responsibilities and requirements for sustainable Water Users Associations (WUA); (2) Participatory Irrigation Management and Irrigation Management Transfer covering (a) approaches and conditions for successful Participatory Irrigation/Drainage Management (PIDM), and (b) approaches and conditions for successful irrigation/drainage management transfers (IDMT), including legislation and institutional requirements for transfer of responsibilities and/or ownership of irrigation and drainage systems to water users associations; and (3) Public Private Partnership, and Mechanism for Cost Recovery covering (a) possibilities of and requirements for successful Public Private Partnerships (PPP) in irrigation/drainage, and (b) methods and mechanisms for charging of irrigation/drainage services and determination of level of cost recovery.

WG-M&R: To investigate, analyse, disseminate information on new developments and to formulate recommendations with respect to: Planning and preparation for modernization and revitalization of irrigation schemes; Interaction between modernization, revitalization and required operation and maintenance; Cost sharing for modernization, revitalization and required operation and maintenance; Institutional and organizational framework required for modernization, revitalization and operation and maintenance; Methods and techniques of lining of conveyance and distribution canals; Canal control systems with respect to their automation, using internet, mobile communication and remote monitoring in canal operation; Modification to improve communication, operational capacities and flexibility in operation and maintenance of systems; Standardization and codes of practice in irrigation systems

WG-WATS: (a) water accounting and irrigation auditing (and other ancillary uses); (b) irrigation water measuring devices; (c) assessment of water loss in various components of irrigation systems; (d) various methods and techniques used for water saving in irrigation; (e) policies and strategies for irrigation water saving; (f) charging for irrigation services; (g) success stories and best management practices in water saving; (h) tools and processes applied in irrigation water saving; (i) outreach of water saving technologies; and (j) WatSave Awards.

WG-IDM: (a) assessment of consumptive use of water for irrigation and resulting water balance at system level ; (b) water demand management according to available resource(s) and system capacity; (c) assessment of water loss in various components of irrigation systems, appraisal of water made available for another use downstream (non-consumptive); (d) ground water development and management for irrigation including conjunctive use of surface and groundwater in irrigation, artificial recharge of aquifers from canals "losses" and "excessive" irrigation; (e) water measuring methods and devices and relevant technology (flow rates and volumes); (f) drivers for and resistances at system level to improve irrigation management; (g) social issues to be considered along with technical and economical ones; (h) management of multi-use hydraulic systems, and interdependence between uses; (i) performance evaluation of irrigation schemes and benchmarking; (j) ways towards economical performance enhancement (cost reduction and efficiency improvement).

II. Overlaps and Gaps

Based on the subject and mandates of the Working Groups, there are some aspects or similar topics that are have been pursued by different working groups; a few of them are identified below:

- (1) The topic of "charging irrigation services and cost recovery or sharing" are covered by the WG-IOA, WG-M&R and WG-WATS;
- (2) "Institutional and organizational" aspects are covered by WG-IOA, WG-M&R and WG-WATS;
- (3) "Water measuring" aspect is covered by WG-WATS and WG-IDM;
- (4) "Assessment of water loss in various components of irrigation systems" is covered and listed by WG-WATS and WG-IDM, and similarly by WG-M&R as well.

This situation may indicate that, for some common aspects, the WGs should put their strength together to jointly prepare outputs or deliverables.

III. Focuses and Future Directions

Agricultural Drainage and WG-SDRG: Agricultural drainage may be broadly divided into two types of problems in terms of the causes and approaches to deal with in practice. One is drainage required to release excessive rainwater and control groundwater table at a workable depth and suitable for crop growth, which is usually caused by rainfall in wet regions, and normally without irrigation required, called water-logging problem. Another is drainage required to release excessive water to control groundwater table depth and salinity, which are normally caused by irrigation in arid and semi-arid regions. For the latter one, cases of more failures than successes in the past around the world may indicate that new ideas need to be brought in to cope with the drainage and secondary-salinity problems in many large irrigation districts, as could be seen in countries like China, Pakistan, Egypt and India, where large amount of water is diverted for flooding irrigation. During the 13th International Drainage Workshop (IDW13) held in Iran in March 2017, It was addressed the management of not only the drainage water quality but also its volume. The concept of taking "measures to lower volume of drainage water" should be given more attention as this closely linked to improvement of irrigation management and water-saving in irrigation. The aspects considered and issues raised in IDW13 may provide the focuses and direction in future for agricultural drainage, as described below:

- (1) Measures to improve drainage water quality;
- (2) Measures to lower volume of drainage water;
- (3) Adaption of new design criteria in favour of the environment;
- (4) Application of alternative drainage methods.

Emphasis more on Scheme level of ST-Schemes: Activities or topics under ST-Schemes should emphasize more on the scheme level rather than individual techniques and devices. In other words, systematic knowledge, methodologies, approaches, or comprehensive techniques are required for the improvement of irrigation and drainage systems to enhance the overall efficiency, productivity and sustainability. These can include engineering, management, O&M, resources and financial aspects, or all of them. Thus, some of individual aspects may not fall in this “area” but a “point”, like water measuring method and devices.

Importance of focusing on improvement of existing irrigation and drainage system: Irrigation systems in the world play an important role in food security, supplying nearly half of the grain production with only 18% of the total cultivated land. The importance of improving existing irrigation systems can be realistically reflected from the member countries in the following paragraph.

Degradation of the engineering infrastructure of existing irrigation systems, newly generated and improved irrigation technologies and management tools and increased water shortage situations for agriculture sector, have all made it a very important and urgent task to rehabilitate and modernize the existing irrigation systems in many countries around the world, as addressed in the papers from Mexico, Egypt, Iran, Sri Lanka, Ukraine, Philippines, China, etc. (Questions 61.1 & 61.3 of 23rd ICID Congress, Mexico City, Mexico, 2017).

Therefore, the concerns and focuses of the member countries may be taken as one of the focuses in future for the ST-Schemes, involving all the workbodies.

Focus more on Outputs: To enhance visibility of WGs and further the objectives of ICID by producing more technical “products”, like Methods, Guidelines, Guidance, Manuals, etc. which are more demanded by the national committees for the works at scheme level in practice.

It is noted that “standardization and codes of practice in irrigation systems” is covered in the mandate of WG-M&R. It is good to produce deliverables that would be able to enhance the attraction and visibility of the working groups and further the objectives of ICID in long-term. Good examples are the products made by ICID earlier years, such as the “Guidelines for Rehabilitation and Modernization of irrigation Projects” (W. Price. WG-IDM of ICID, 1999), and RAP and MASSCOTE used as the appraisal and assessment tools for existing irrigation projects’ rehabilitation and modernization (FAO, 2008), all of which have been taken as useful guidance and tools in many countries.

IV. Conclusions/Recommendations

- (1) To plan and hold special events, like workshops, symposiums, on issues or topics of common interest to attract more participants and make collective of papers printed and disseminated; This has been done by some WGs, such as WG-IOA and WG-SDRG, which successfully attracted the attention of NCs to participate in the event;
- (2) To enhance the visibility of WGs and further the objectives of ICID by producing more technical “products”, like Methods, Guidelines, Guidance, Manuals, etc.,
- (3) To put more attention to the “scheme level” works and use joint strength of WGs to provide outputs on common concerns or systematic considerations, and
- (4) To lower drainage water amount may be one of the directions to be addressed for drainage subject of irrigated land.



SUBSCRIPTION DETAILS FOR THE NATIONAL COMMITTEES

Sl. No.	National Committee/ Committee#	UNC of Country		Benefitted area (Mha)			Actual Subscription for 2017	Subscription based on new formula, weighted area and 2017 UNC (\$)		
		1991 or in the year of becoming ICID Member	2017 [@]	1991*	Annual report 2016-17**	Weighted Area (2016-17)***		Revised Subscription	difference with actual 2017	% change
1	2	3	4	5	6	7	8	9	10=9-8	11
1	Australia	1.66	2.337	2.67	4.32	3.24	5965	6135	170	2.8
2	Bangladesh	0.01	0.01	4.47	6.72	5.97	2990	3175	185	6.2
3	Brazil	1.04	3.823	10.60	6.88	6.34	7365	7840	475	6.4
4	Burkina Faso (2014)	0.01	0.004	0.04	0.04	0.04	1660	1650	-10	-0.6
5	Canada	3.06	2.921	7.63	10.51	9.99	8245	7940	-305	-3.7
6	Chad (2012)	0.002	0.005	0.03	0.03	0.03	1650	1635	-15	-0.9
7	China	0.79	7.921	47.94	87.01	76.44	10420	13085	2665	25.6
8	Croatia (1993)	0.13	0.099	0.54	0.78	0.77	2555	2710	155	6.1
9	Egypt	0.07	0.152	5.21	7.01	5.33	4675	4655	-20	-0.4
10	Estonia (2001)	0.01	0.038	0.73	0.64	0.64	2130	2605	475	22.3
11	Ethiopia	0.01	0.01	0.11	0.57	0.55	1780	2020	240	13.5
12	Fiji (2010)	0.003	0.003	0.01	0.01	0.01	1945	1590	-355	-18.3
13	Finland (2000)	0.57	0.456	2.01	2.57	2.54	4220	4405	185	4.4
14	France	6.87	4.859	4.91	5.60	4.30	7495	7235	-260	-3.5
15	Great Britain/UK	4.86	4.463	2.09	4.73	4.69	6450	7360	910	14.1
16	Hungary	0.22	0.161	2.63	2.52	2.41	3745	3625	-120	-3.2
17	India	0.35	0.737	78.24	67.80	64.90	11080	11150	70	0.6

SI. No.	National Committee/ Committee#	UNC of Country		Benefitted area (Mha)			Actual Subscription for 2017	Subscription based on new formula, weighted area and 2017 UNC (\$)		
		1991 or in the year of becoming ICID Member	2017 [@]	1991*	Annual report 2016-17**	Weighted Area (2016-17)***		Revised Subscription	difference with actual 2017	% change
1	2	3	4	5	6	7	8	9	10=9-8	11
18	Indonesia	0.14	0.504	5.14	10.07	8.40	4650	6180	1530	32.9
19	Iran	0.63	0.471	6.44	8.85	8.71	6475	6255	-220	-3.4
20	Iraq	0.12	0.129	6.93	4.92	4.23	5145	4315	-830	-16.1
21	Ireland	0.18	0.335	0.05	0.35	0.30	1855	2990	1135	61.2
22	Italy	3.79	3.748	6.55	7.72	6.51	7970	7885	-85	-1.1
23	Japan	10.84	9.68	5.50	6.44	4.98	7665	7450	-215	-2.8
24	Kazakhstan (2006)	0.076	0.191	1.37	1.65	1.43	3150	3140	-10	-0.3
25	Korea, Rep. of	0.18	2.039	1.31	2.19	1.67	3130	5445	2315	74.0
26	Madagascar (2014)	0.003	0.003	0.63	1.20	1.14	2015	2240	225	11.2
27	Malaysia	0.253	0.322	0.65	6.39	6.19	2655	5625	2970	111.9
28	Mali (2005)	0.01	0.003	0.10	0.38	0.38	1765	1935	170	9.6
29	Malawi	0.002	0.002	0.02	0.07	0.07	1650	1700	50	3.0
30	Mexico	0.89	1.435	6.60	11.70	9.10	6515	7070	555	8.5
31	Morocco	0.05	0.054	0.60	2.11	1.78	2605	3330	725	27.8
32	Myanmar (2014)	0.01	0.01	1.95	2.49	2.39	2505	2565	60	2.4
33	Nepal	0.01	0.006	0.25	1.27	1.23	1885	2270	385	20.4
34	Netherlands	1.74	1.482	1.97	3.49	3.24	5655	5415	-240	-4.2
35	Nigeria	0.19	0.209	0.07	0.29	0.29	1900	2250	350	18.4

SI. No.	National Committee/ Committee#	UNC of Country		Benefitted area (Mha)			Actual Subscription for 2017	Subscription based on new formula, weighted area and 2017 UNC (\$)		
		1991 or in the year of becoming ICID Member	2017 [@]	1991*	Annual report 2016-17**	Weighted Area (2016-17)***		Revised Subscription	difference with actual 2017	% change
1	2	3	4	5	6	7	8	9	10=9-8	11
36	Niger (2007)	0.002	0.002	0.00	0.10	0.10	1625	1730	105	6.5
37	Pakistan	0.06	0.093	22.46	26.94	23.01	7250	7210	-40	-0.6
38	Philippines	0.1	0.165	1.60	4.24	3.48	3275	4050	775	23.7
39	Portugal	0.18	0.392	0.87	0.58	0.56	2830	3260	430	15.2
40	Romania	0.17	0.184	7.45	4.98	4.06	5280	4255	-1025	-19.4
41	Russia (1992)	10.2	3.088	11.01	9.28	7.03	8890	8020	-870	-9.8
42	Saudi Arabia	0.99	1.146	0.46	1.66	1.64	3935	4705	770	19.6
43	Slovenia (1992)	0.09	0.0844	0.14	0.09	0.08	2055	1910	-145	-7.1
44	Somalia (2016)	0.001	0.001	0.20	0.20	0.20	1827	1820	-7	-0.4
45	South Africa (1993)	0.41	0.364	3.30	1.66	1.63	4770	3975	-795	-16.7
46	Spain	2.03	2.443	3.30	3.94	3.79	6240	6335	95	1.5
47	Sri Lanka	0.01	0.031	0.66	0.60	0.59	2110	2555	445	21.1
48	Sudan (2015)	0.01	0.01	3.90	2.45	2.17	2895	2515	-380	-13.1
49	Switzerland	1.1	1.14	0.15	0.20	0.18	3535	3540	5	0.1
50	Tajikistan (1997)	0.003	0.004	0.70	1.13	0.97	2120	2185	65	3.1
51	Tanzania (2011)	0.01	0.01	0.16	0.18	0.18	1830	1805	-25	-1.4
52	Thailand	0.09	0.291	4.09	4.90	4.82	4315	4500	185	4.3
53	Turkey	0.34	1.018	3.95	9.16	7.45	4995	6675	1680	33.6

Sl. No.	National Committee/ Committee#	UNC of Country		Benefitted area (Mha)			Actual Subscription for 2017	Subscription based on new formula, weighted area and 2017 UNC (\$)		
		1991 or in the year of becoming ICID Member	2017 [@]	1991 [*]	Annual report 2016-17 ^{**}	Weighted Area (2016-17) ^{***}		Revised Subscription	difference with actual 2017	% change
1	2	3	4	5	6	7	8	9	10=9-8	11
54	Ukraine (1996)	0.302	0.103	3.40	5.48	4.39	4255	4365	110	2.6
55	USA	25	22	79.00	73.90	60.70	13290	12410	-880	-6.6
56	Uzbekistan (1994)	0.26	0.023	4.20	7.61	5.96	4360	3175	-1185	-27.2
57	Zambia	0.01	0.007	0.02	0.16	0.16	1650	1785	135	8.2
58	Zimbabwe	0.002	0.004	0.17	0.27	0.22	1825	1835	10	0.5
59	Chinese Taipei Committee [§]			0.84	0.51	0.45	5720	5320	-400	-7.0
	Total						254437	266810	12373	

Notes:

- Year in bracket against country are when subscription was fixed at last entry otherwise 1991

@ - 2017 UN contribution (UNC) is based UN report ST/ADM/SER.B/955

\$ - UNC contribution is not applicable so capacity to pay has been taken same as in 1991 modified as per inflation factor of 1.456 since 1991 to 2015.

* - Area considered during 1991 or at the time of becoming ICID member after 1991

** - Area benefitted as per Annual Report 2016-17 (IA based on NC data/FAO Statistical Handbook 2015/FAO Aqua stat and DA based on NC data or CEMAGREF data)

***- Weighted area calculated as given below.

Concession for least developed country= If UNC is <0.03 then concession is 50% of interest of country

REVISED MANDATES OF RE-ESTABLISHED WORKBODIES**A. Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)**

- (a) To motivate ICID National Committees in various countries to set up their National Working Groups on History;
- (b) To provide guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, and flood management;
- (c) To promote inter—disciplinary exchange of information, knowledge and experience, as well as networking on the topic (agricultural, political, socio-economic, climatologically and geographical, aspects) for proper understanding of the technological developments on the subject;
- (d) To organize seminars at ICID Congresses to enhance awareness of Water history;
- (e) To prepare a paper on “Historical Water Sustainability” for publication in *Irrigation and Drainage (IRD) Journal*;
- (f) To finalize a book on “Historical Water Sustainability”.
- (g) To encourage member countries to produce documentaries on Water History.

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

- (a) To understand the existing and potential challenges and opportunities of tidal areas for now and the future by figuring out underlying issues;
- (b) To raise awareness of the increasing risk on tidal areas due to global climate change and stimulate interdisciplinary discussions on impacts, mitigation, and adaptation
- (c) To enhance survey, design techniques, and monitoring and management programs for the irrigation and drainage facilities, and apply to collect information about the tidal area environment around the world;
- (d) To identify sustainable development and management options in tidal areas, and find a balance between the conservation and development of tidal areas with acknowledgement of ecosystem services;
- (e) To join the international dialogues and organize international conferences and short courses to promote interdisciplinary and participatory land and water planning and management in tidal areas;
- (f) To collaborate with other related working groups actively, and to exchange relevant experiences amongst NCs and support for developing, and least developed countries.





The 23rd ICID Congress: Towards A New Green Revolution 2.0
08-10 October 2017, Mexico City, Mexico

Outcome of 23rd ICID Congress



The 23rd International Congress on Irrigation and Drainage with the main theme was “Modernizing Irrigation and Drainage for a new Green Revolution” was held from 08-14 October 2017 at World Trade Centre, Mexico City, Mexico, organized and hosted by Mexican National Committee of ICID (MXCID). The Congress was attended by more than 832 delegates from 35 countries.

The general rapporteurs for the thematic questions of the Congress Questions 60 “**Water productivity: revisiting the concepts in light of water, energy and food nexus**” and 61 “**State of knowledge of irrigation techniques and practicalities within given socio-economic settings**” presented their reports based on 151 papers and posters submitted from more than 25 countries.

As a result of intense deliberations, the following outcome in respect of Congress Questions 60 and Question 61, has been emerged:

Q. 60: Water productivity: revisiting the concepts in light of water, energy and food nexus

1. To improve irrigation services through modernization, there is need to revisit water productivity by identifying challenges and opportunities. Various water saving measures should be passed through the water-energy-food prism for identifying challenges in associated domains and help find opportunities.
2. Investing in improving irrigation technologies and techniques help saving agricultural water and can improve equitability of distribution amongst the common stakeholders but the technology transfer is important through capacity building
3. Many techniques are available, especially the ICT based ones and also the measurement techniques for assessing the actual releases and regulating them. Water losses at the field level have been minimized using a suite of techniques.
4. Volumetric extraction systems for aquifers allow monitoring of allocated and recharge volumes from aquifers.
5. Water reuse/ recycle needs assessment of site specific conditions in the contexts and should avoid stakeholder conflicts for water transfers and adoption of structural and operational reforms
6. Water, energy and food nexus has multi-dimensional features and is compounded by climate and social changes as has been revealed by studies in a number of countries across the globe.
7. Water footprint indicators seem to be useful in assessing water management in irrigated areas. Various water management techniques adopted, strongly influence the water footprints for specific crops at the field level.

8. Considerable advances are being made in the satellite image processing areas as well as simulation modeling, which need be leveraged for better impact assessment of measures adopted or proposed for sectoral water management.
9. Water security has environmental and social aspects. While managing an extreme situation, both have to be considered in conjunction with each other. Analysis of water laws and legal frameworks to achieve sustainable water management leading to water security is necessary.
10. Challenges of water security emerging from international basins need be addressed through cooperation mechanisms based on principles of international water law.
11. User's role in water management is important at the basin level and need to be coordinated with better information dissemination.
12. To achieve water security through reuse/ recycle of water, policies have to take associated health issues into account.

Q. 61: State of knowledge of irrigation techniques and practicalities within given socio-economic settings

1. The definition of precision agriculture evokes different understanding amongst the community covering a wide range of options and technologies for application management at the field level and also the necessary decision support in a spatial and temporal manner for directing water in a required manner.
2. Advances in technologies like ICT and cloud based computing models for real time decision support coupled with accurate determination of the status in the field using drones enable the application to large areas with multiple holdings as against large farms only in the past.
3. ET based irrigation scheduling has the potential to improve on-farm efficiency.
4. The importance of organizing small farm holder community and ensuring institutional support is required for making the benefits of modernization reach them effectively.
5. Role of operating decisions play an important part in improving irrigation efficiencies and it is required that operations may be kept simple to avoid irrigator errors.
6. A number of software tools are available for simulating for irrigation system evaluation, design and operational analysis. Further progress in this area is required for using better infiltration models while maintaining computational speeds.
7. New technologies have to be adaptable in order to reap benefits after their implementation. Scaling up effects should be properly understood before large scale implementation and adoption by the user communities.
8. Adaptability of the technologies should be seen in various contexts of climatic conditions, environmental and socio-economic conditions and then their validity should be determined.
9. Land tenure and size of landowners are important factors for adaptation of new irrigation technologies particularly in developing countries. However, new approaches like land pooling and cooperative farming can provide windows of opportunities to implement the techniques and thereby improve efficiencies.



**MEMBERSHIP OF VARIOUS WORKBODIES
(As Updated During 68TH IEC)**

**I. PERMANENT FINANCE
COMMITTEE (PFC)**

No.	Members	Country	Remarks
1.	VPH Mr. Laurie Tollefson	Canada	Chair
2.	Mr. Hao Zhao	China	Member
3.	Ms. Serpil Koylu Dalgin	Turkey	Member
4.	Mr. Naoki Hayashida	Japan	Member
5.	Engr. Husnain Ahmad	Pakistan	Member
6.	Dr. Irene Bondarik	Russia	Member
7.	Mr. Ali Reza Salamat	Iran	Member
8.	Dr. Marco Arcieri	Italy	Member
9.	Mr. Hazim Ibrahim Othman Mohammed	Iraq	Provisional Member
10.	Secretary General		Member-Secretary

**II. PERMANENT COMMITTEE ON STRATEGY AND
ORGANIZATION (PCSO)**

No.	Members	Country	Remarks
1.	Vice President Mr. Bong Hoon Lee	Korea	Chair (2012)
2.	Ms. Kathleen Heuvel	Australia	Vice Chair (2016)
3.	Vice President Hon. Dr. Mohamed Abd-El-Moneim Wahba	Egypt	Member (2014)
4.	Vice President Hon. Dr. Ding Kuntun	China	Member (2014)
5.	Vice President Prof. Dr. Charlotte de Fraiture	The Netherlands	Member (2015)
6.	Vice President Mr. Ian William Makin	UK	Member (2015)
7.	Vice President Prof. Dr. Abdelhafid DEBBARH	Morocco	Member (2015)
8.	Vice President Dr. Irene G. Bondarik	Russia	Member (2016)
9.	Vice President Mr. Waseem Nazir	Pakistan	Member (2016)
10.	Vice President Mr. Madhav Belabse	Nepal	Member (2016)
11.	Vice President Er. Naoki Hayashida	Japan	Member (2017)
12.	Vice President Dr. Brian T. Wahlin	USA	Member (2017)
13.	Vice President Dr. K. Yella Reddy	India	Member (2017)
14.	Secretary General, ICID		Member-Secretary
15.	FAO representative		Permanent Observer
16.	World Bank representative		Permanent Observer
17.	GWP representative		Permanent Observer
18.	WWC representative		Permanent Observer

No.	Members	Country	Remarks
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. Mohamed Wahba	Egypt	Chairman
2.	Dr. Sylvester Mpandeli	South Africa	Vice Chairman
3.	Mr. Jean Bernard Dambre	Burkina Faso	Secretary
4.	Mrs. Salamata Karambiri MIWENDE	Burkina Faso	
5.	Mr. Tchouadang Kadjonga	Chad	
6.	Eng. Omnia Hassan Ahmad Salem – Young Professional	Egypt	Provisional Member
7.	Representative from ETCID	Ethiopia	
8.	Representative from MADCID	Madagascar	
9.	Representative from MALCID	Malawi	
10.	Representative from AMID	Mali	
11.	Ms. Sara Boularbah – Young Professional	Morocco	Provisional Member
12.	Ms. El Oumlouki Kaoutar – Young Professional	Morocco	Provisional Member
13.	Representative from ANID	Niger	
14.	Engr. Joe Kwanashie	Nigeria	
15.	Mr. Abdullahi Hassan Hussein – Young Professional	Somalia	
16.	Eng. Mohamed Mohamud Abdi	Somalia	Provisional Member
17.	Eng. (Ms.) Hind Massoud Hamed Elneel	Sudan	Provisional Member
18.	Eng. Marwa Faisal Salman Mohamed – Young Professional	Sudan	Provisional Member
19.	Representative from TANCID	Tanzania	
20.	Mr. Mulako Cornelius Sitali	Zambia	
21.	Representative from ZwCID	Zimbabwe	
	Observers		
22.	VPH Dr. Samia El-Guindy	Egypt	
23.	Mr. Jean Syroganis Camara	Italy	
24.	Mr. A. de Vito	Italy	
25.	Eng. Omer Yousef	Sudan	
26.	FAO Representative		
27.	World Bank Representative		
28.	ARID Representative		

29.	SARIA Representative		
30.	AgWA Representative		

II.2 — ASRWG			
No.	Members	Country	Remarks
1.	VPH Karim Shiati	Iran	Chairman
2.	Mr. Stephen Mills	Australia	
3.	Representative from BANCID	Bangladesh	
4.	Mr. Wang Aiguo	China	
5.	Dr. Gwo-Hsing Yu	Chinese Taipei	
6.	Dr. Rajinder Kumar Gupta -Direct Member (WAPCOS)	India	
7.	Dr. Mochammad Amron	Indonesia	
8.	Mr. Shaimaa Shihab Ahmed	Iraq	
9.	Mr. Ammar Salah Ahmed Manhee - Young Professional	Iraq	
10.	Mr. Naoki Hayashida	Japan	
11.	Representative from KAZCID	Kazakhstan	
12.	Prof. (Ms.) Kyung Sook Choi	Korea, Rep. of	
13.	Ms. Jeong Min, Ryu – Young Professional	Korea, Rep. of	
14.	Ir. Syed Abdul Hamid bin Syed Shuib	Malaysia	
15.	Dr. (Ms.) Mu Mu Than	Myanmar	
16.	Mr. Bashu Dev Lohanee	Nepal	
17.	Mr. Ahmed Kamal	Pakistan	
18.	Representative from PNC-ICID	Philippines	
19.	Representative from SACID	Saudi Arabia	
20.	Eng. W.B. Palugaswewa	Sri Lanka	Provisional Member
21.	Representative from TAJCID	Tajikistan	
22.	Mr. Arthon Suttigarn	Thailand	
23.	Dr. Aynur Fayrap	Turkey	
24.	Mr. Ilkhom Juraev	Uzbekistan	
25.	Dr. Dao Trong Tu	Vietnam	Provisional Member

II.3 — C-CONGR			
No.	Members	Country	Remarks
1.	Mr. Bryan Wards	Australia	Chair
2.	VPH Laurie C. Tollefson	Canada	Representative
3.	Mr. Bashu Dev Lohanee	Nepal	Representative
4.	Mr. Sanjay Belsare	India	Representative
5.	Mr. Saiful Mahdi	Indonesia	Representative
6.	Mr. Luis Felipe Alococer	Mexico	Representative

II.4 — ERWG			
No.	Members	Country	Remarks
1.	VP Ian Makin	UK	Chair
2.	VPH Peter Kovalenko	Ukraine	Vice-Chair
3.	Mr. Olli-Matti Verta	Finland	Secretary
4.	Representative	Netherland	
5.	Representative	Spain	
6.	Representative	Switzerland	
7.	VPH Brane Maticic	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.	Mr. Peter Alexey Yurievich, Chair, EWTDR	Russia	Ex-Officio Member

II.5 — WG-IDSST			
No.	Members	Country	Remarks
1.	VPH Prof. Peter Kovalenko	Ukraine	Chairman
2.	VPH Prof. Victor A. Dukhovny	Uzbekistan	Vice Chairman
3.	Dr. Shukhrat Mukhamedjanov	Uzbekistan	Secretary
4.	Dr. Rajinder Kumar Gupta - Direct Member	India	
5.	Dr. Katsuyuki Shimizu	Japan	
6.	Engr. Peter Yakube Manjuk	Nigeria	
7.	Dr. Alexander Solovyev	Russia	
8.	Eng. W.B. Palugaswewa	Sri Lanka	Provisional Member
9.	Mr. Baratov Rustam Okilovich	Tajikistan	
Permanent Observers			
10.	Prof. Daene C. McKinney (IWRA)		
11.	FAO Representative		
12.	World Bank representative		

II.6 — IYPeF			
No.	Members	Country	Remarks
1.	Ms. Kathleen Heuvel	Australia	Coordinator
2.	Ms. Adey N. Mersha	Ethiopia	Joint Co-ordinator

3.	Mr. Rafat Nael Al-Intaki	Iraq	Joint Co-ordinator
4.	Mr. Mika Turunen	Finland	Joint Co-ordinator
5.	Ms. Eman Ragab	Egypt	Joint Co-ordinator
6.	Mr. M. Shoaib Saboory	Afghanistan	Joint Co-ordinator

III. PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)

No.	Members	Country	Remarks
1.	VP Dr. Ding Kunlun, Chair	China	Chair
2.	Prof. Graziano Ghinassi, (Italy)	Italy	Member
3.	Prof. Masayoshi Satoh (Japan)	Japan	Member
4.	PH Peter S. Lee (UK)	UK	Member
5.	Ms. Aysen Pervin Gungör (Turkey)	Turkey	Member
6.	Mr. Chaiwat Prechawit (Thailand)	Thailand	Member
7.	Dr. Mohamed Wahba	Egypt	Member
8.	Mr. Ali Reza Salamat	Iran	Member
9.	Secretary General, ICID		Member-Secretary
10.	World Bank representative		Permanent Observer
11.	FAO representative		Permanent Observer
12.	IWMI representative		Permanent Observer
13.	ISO representative		Permanent Observer
14.	WWC representative		Permanent Observer
15.	CPWF representative		Permanent Observer
16.	AgWA representative		Permanent Observer
17.	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.1 — WG-BIO-FUEL			
No.	Members	Country	Remarks
1.	Dr. Fuqiang Tian	China	Chair
2.	Mr. Sanjay Belsare	India	Vice-Chair
3.	VPH Laurie C. Tollefson	Canada	
4.	Mr. Mortaza Yazdkhasti	Iran	
5.	Mr. Bassam Hayek	Jordan	Observer
6.	Dr. Salih Hamad Hamid Omer	Sudan	
7.	Mr. Abdul Wahab Siyal	Pakistan	Provisional Member
8.	Dr. Jose Reyes Sanchez	Mexico	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. Tian Fuqiang	China	Secretary
4.	Dr. Waleed Hassan M. Abou El Hassan	Egypt	
5.	Eng. Nermeen Essam El-Tahan – Young Professional	Egypt	Provisional Member
6.	Mr. Mika Turunen	Finland	
7.	Mr. Sanjay Kumar Singh	India	
8.	Mr. Atin Kumar Tyagi – Direct Member, JISL	India	
9.	Dr. (Ms.) Fransisca Mulyantari	Indonesia	
10.	Dr. Nozar Ghahreman	Iran	
11.	Mr. Hatem Hameed Hussein	Iraq	
12.	Mr. Jafer Kathom Alwan Alamiryi - Young Professional	Iraq	
13.	Prof. Dr. Choi, Jin-Yong	Korea, Rep. of	
14.	Mr. Javeed Iqbal Bokhary	Pakistan	
15.	Eng. (Ms.) Talatha Janaki Meegstenna	Sri Lanka	
16.	Dr. Guy Jobbins	UK	
17.	Mr. Michael Davidson	USA	
18.	Ms. Dilek Demirel Yazici	Turkey	Provisional Member
Permanent Observers			
19.	WMO representative		
20.	IWMI Representative		
21.	FAO Representative		

III.B.3 — WG-ENV

No.	Members	Country	Remarks
1.	Prof. dr. (Ms.) Charlotte de Fraiture	The Netherlands	Chair
2.	Prof. N. Hatcho	Japan	Vice Chairman
3.	Mr. V.C. Ballard	Australia	
4.	Mr. Mohammad Samiul Ahsan Talucder - Direct Member	Bangladesh	
5.	Dr. Fuqiang Tian	China	
6.	Ms. Seija Virtanen	Finland	
7.	Mr. Usamah Hashim Witwit	Iraq	
8.	Dr. Choi, Joong-Dae	Korea, Rep. of	
9.	Ir. Mohd Azmi Ismail	Malaysia	

10.	Dr. Muhammad Basharat Chaudhry	Pakistan	
11.	Dr. Yury Anatolyevich Mozhaikii	Russia	
12.	Eng. (Ms.) P.M. Jayadeera	Sri Lanka	
13.	Dr. Aynur Fayrap	Turkey	

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.	Mr. Mohammad Sadegh Jafari	Iran	
4.	VPH Ragab Ragab	UK	
5.	Dr. Graziano Ghinassi	Italy	
6.	Prof. Chang-Chi Cheng	Chinese Taipei	
7.	Dr. Takanori Nagano	Japan	
8.	Dr. Hakan Aksu	Turkey	Young Professional
9.	Mr. Sudhakar (Direct Member), JISL	India	
10.	Ms. Jianxin Mu	China	Provisional Member
11.	Dr. Jaepil Cho	Korea	
12.	Mr. Raquib Khan	Pakistan	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.	Dr. Hajime Tanji	Japan	Secretary
4.	Dr. (Ms) Hsiao-Weng Wang	Chinese Taipei	Young Professional
5.	Prof. Budi Santoso Wignyosukarto	Indonesia	
6.	Prof. Zhang Zhanyu	China	
7.	Ir. Hj. Nor Hisham bin Mohd Ghazali	Malaysia	
8.	Dr. Jeongryeol Jang	Korea	
9.	Mr. Anuj Kanwal	India	
10.	Dr. Jo Jin Hoon	Korea	Permanent Observer
11.	Dr. Daeou Eo	Korea	Permanent Observer
12.	Mr. Robiyanto Hendro Susanto	Indonesia	Permanent Observer
13.	Mr. Harry Denecke (FAO)		Permanent Observer

III.K.1 — WG-CDTE

No.	Members	Country	Remarks
1.	Prof. Dr. Abdelhafid DEBBARH	Morocco	Chair
2.	Dr. Young D. Kim	Korea	Vice Chair
3.	Mr. Mirza Asif Baig	Pakistan	Provisional Member

4.	Dr. Nader Heydari	Iran	Provisional Member
5.	Eng. Abu Obieda Babiker Ahmed Hassan	Sudan	Provisional Member
6.	Mr. Ramesh Kumar	India	Provisional Member
7.	Mr. Hasan Basri Yuksel	Turkey	Provisional Member
8.	Ms Dahile Abdulqader Abdulhameed (YP)	Iraq	Provisional Member
9.	Mr. Raad F Amein Taha	Iraq	Provisional Member

III.K.2 — WG-HIST

No.	Members	Country	Remarks
1.	Dr. Kamran Emami	Iran	Chairman
2.	Mrs. Xuming Tan	China	
3.	Eng. Ahmed Awad Hag Abd-Elnabi	Egypt	Provisional Member
4.	VPH Dr. Laszlo Hayde	Hungary	
5.	VPH Dr. A. Hafied A. Gany	Indonesia	
6.	Mr. Antonio Linoli	Italy	
7.	Prof. Dr. N. Hatcho	Japan	
8.	Mr. Jong Myong, Kim	Korea, Rep. of	
9.	Dr. José Luis Martínez Ruiz	Mexico	
10.	Engr. Sirika Ahmad Abubakar	Nigeria	
11.	Prof. Dr. Abdul Sattar Shakir	Pakistan	
12.	Prof. Jaekyoung Noh	Republic of Korea	
13.	VPH Dr. Gerhard Backeberg	South Africa	
14.	Eng. S.P.C. Sugeeshwara	Sri Lanka	Provisional Member
15.	VPH Chaiwat Prechawit	Thailand	
16.	Mr. Charles L. Abernethy	UK	
Permanent Observers			
17.	Dr. Ir. M. Ertsen (IWHa)		
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	(2001) Editor Emeritus
5.	Dr. Bryan P. Thoreson	USA	Associate Editor
6.	Prof. Daniele de Wrachien	Italy	Associate Editor
7.	Prof. Yih Chi Tan	Chinese Taipei	Associate Editor

8.	Dr. Nick C. Van de Giesen	Netherlands	Associate Editor
9.	Dr. Marcel Kuper	France	Associate Editor
10.	Mr. Bernard Vincent	France	Associate Editor
11.	Dr. Takao Masumoto	Japan	Associate Editor
12.	Dr. Biju George	Australia	Associate Editor
13.	Dr. Henk Ritzema	Netherlands	Associate Editor
14.	Prof. Waldo Ojeda-Bustamante	Mexico	Associate Editor
15.	Prof. Kendall C. DeJonge	USA	Associate Editor
16.	Prof. Saleh Taghvaejan	USA	Associate Editor
17.	Prof. Graziano Ghinassi	Italy	Associate Editor
18.	VPH Laszlo Hayde	Hungary	Associate Editor
19.	Dr. Muhammad Latif	Pakistan	
20.	Dr. Vijay Labhsetwar (ICID Central Office)	India	
21.	Dr. Yohei Sato	Japan	
22.	Prof. Ir. Dr. Mohd Amin bin Mohd Soom	Malaysia	
23.	Dr. Mohammad Javad Monem	Iran	
24.	Prof. Dr.-Ing. Klaus Rotzcher	Germany	
25.	Prof. dr. Joong Dae, Choi	Korea	
26.	Mr. Brent Paterson	Canada	
27.	Ir. Simon Howarth	UK	
28.	Dr. Poolad Karimi	Iran	Associate Editor
29.	Prof. Jin-Yong Choi	Korea	Associate Editor
30.	Dr. Severine Tomas	France	Associate Editor

III.K.4 — TF-MTD

No.	Members	Country	Remarks
1.	VPH Dr. Ding Kunlun	China	Chair
2.	Chair of WG-IDM		
3.	Dr Yu-Chuang Chang (WG-IOA)	Chinese Taipei	
4.	Chair of WG-SON-FARM		
5.	Chair of WG-SDRG		
6.	Chair of WG-M&R		
7.	Representative of FAO		
8.	Representative of IWMI		
9.	Representative of ADB		

III.K.5 — TF-VE

No.	Members	Country	Remarks
1.	Dr. Kamran Emami	Iran	Chair
2.	Mrs. Remziye Yildiz	Turkey	Vice-Chair

	Gulagaci		
3.	Ir. Nor Hisham M. Ghazali	Malaysia	Secretary
4.	VPH Francois Brelle	France	
5.	Mr. Suman Sijapati	Nepal	
6.	Dr. Toshihiko Kuno	Japan	

III.K.6 — TF-WWF8

No.	Members	Country	Remarks
1.	PH Dr. Chandra Madramootoo	Canada	Chairman
2.	Dr. Amgad Elmahdi	Australia	
3.	Ing. Helvecio Mattana Saturnino	Brazil	
4.	VPH Laurie C. Tollefson	Canada	
5.	Vice President Hon. Dr. Ding Kunlun	China	
6.	Mr. Anuj Kanwal	India	
7.	Mr. Ali Reza Salamat	Iran	
8.	Mr. Alaa Turki Khudhair Al-Masoodi	Iraq	
9.	Mr. Waleed Kh. Qassim Alhadidi - Young Professional	Iraq	
10.	VPH Dr. Shinsuke Ota	Japan	
11.	VPH Dr. Bong Hoon Lee	Korea, Rep. of	
12.	MXCID representative	Mexico	
13.	PH Dr. Bart Schultz	Netherlands	
14.	Dr. Somkiat Prajamwong	Thailand	
15.	Mr. Ijsbrand H. de Jong	World Bank	
16.	Er. Avinash C. Tyagi, Secretary General, ICID – Member Secretary		

III.O.1 — WG-PQW

No.	Members	Country	Remarks
1.	Dr. (Ms.) Anna Tedeschi	Italy	Chair
2.	Dr. Wenyong Wu	China	Secretary
3.	Dr. Tapas Kumar Biswas	Australia	
4.	VPH Dr. Samia El-Guindy	Egypt	
5.	VPH Dr. Karim Shiati	Iran	
6.	Dr. Takanori Nagano	Japan	
7.	Dr. Seung Heon Lee	Korea, Republic of	
8.	Prof. Leon van Rensburg	South Africa	
9.	VPH Dr. R. Ragab	UK	
Permanent Observers			
10.	FAO representative		

11.	ICBA representative (UAE)	UAE	
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III.O.2 — WG-SON-FARM			
No.	Members	Country	Remarks
1.	Dr. A.K. Randev, Chairman	India	Chairman
2.	Mr. Carl Walters, Vice Chair	Australia	Vice Chair
3.	Mr. Suman Sijapati, Secretary	Nepal	Secretary
4.	Mr. Yao Bin	China	
5.	Dr. Zhang Guohua, Young Professional	China	
6.	Dr. Chen, Ching-Tien	Chinese Taipei	
7.	Mr. S.P. Jadhav (Direct Member), JISL	India	
8.	Mr. Hassan Shantia	Iran	
9.	Dr. Hossein Dehghanisanij	Iran	
10.	Mr. Suhad Jassim Obeed	Iraq	
11.	Mr. Hussein Shanan Abid Al-Hussein, Young Professional	Iraq	
12.	Dr. Graziano Ghinassi	Italy	
13.	Dr. Akira Iwamoto	Japan	
14.	Prof. Chang Eon Park	Korea, Rep. of	
15.	Mr. Mohd Yazid bin Abdullah	Malaysia	
16.	Mr. Bashu Dev Lohanee	Nepal	
17.	Dr. Abraham Mehari Haile	Netherlands	
18.	Dr. Dickson Ahagbuje	Nigeria	
19.	Mr. Muhammad Tahir Anwar	Pakistan	
20.	Mr. Siboniso Phillip Mkhali	South Africa	
21.	VPH Jose A. Ortiz	Spain	
22.	Eng. S. Mohanarajah	Sri Lanka	
23.	Mr. Ömer Faruk Akbulut	Turkey	
Permanent Observers			
24.	Mr. Sher Singh	India	
25.	Mr. M.S. Sudhakar (Direct Member), JISL	India	
26.	Mr. Abijit Joshi (Direct Member), JISL	India	
27.	Dr. Jano Anter	Germany	
28.	Mr. Bruno Molle (ISO)	France	
29.	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.	Prof. Dr. Mohd Amin Mohd Soom	Malaysia	
5.	Mrs. Gao Hong	China	
6.	Prof. Dr. Allah Bakhsh	Pakistan	
7.	Ir. Adang Saf Ahmad	Indonesia	Provisional Member
8.	Dr. P. Soman (Direct Member), JISL	India	Provisional Member
9.	Prof. Won-Ho Nam	Korea	
10.	Mr. Syaiful Mahdi	Indonesia	Observer
11.	FAO representative		Permanent Observer
12.	CIGR representative - Mr. Herbert H. Van Lier		Permanent Observer
13.	Prof. D. Wrachien	Italy	Permanent Observer
14.	ICRISAT representative		Permanent Observer

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.	Mr. Ming-Young Jan	Chinese Taipei	
7.	Mr. Waleed Hassan	Egypt	
8.	Eng. Mohammed Omar Makram Afify – Young Professional	Egypt	Provisional Member
9.	VPH Francois Brelle	France	
10.	Mr. G.L. Bansal	India	
11.	Dr. Narges Zohrabi	Iran	
12.	Ir. Mat Hussin Bin Ghani	Malaysia	
13.	Mr. Tariq Altaf	Pakistan	Provisional Member
14.	Eng. Abd Elsalam Mohamed Salih Idriss	Sudan	
Permanent Observers			
15.	VP Ian Makin (UK)	UK	
16.	VPH Hafied Gany (Indonesia)	Indonesia	

III.S.2 — WG-IOA			
No.	Members	Country	Remarks
1.	VPH Dr. Hafied A. Gany	Indonesia	Chairman
2.	Dr. Kazumi Yamaoka	Japan	Vice Chairman
3.	Mr. Madhav Belbase	Nepal	Secretary

4.	VPH Dr. Ding Kunlun	China	
5.	Dr. Yu-Chuan Chang	Chinese Taipei	
6.	Mr. Franck Sanfilippo	France	
7.	Mr. Houshang Hasouni Zadeh	Iran	
8.	Mr. Ghassan Lutfi Ahmed	Iraq	
9.	Ms. Hend Emad Alhendy - Young Professional	Iraq	
10.	Dr. Seong Joon Kim	Korea, Rep. of	
11.	Mr. Abdullahi Abdul Rahman	Nigeria	
12.	Dr. Qazi Tallat Mahmood Siddiqui	Pakistan	Provisional Member
13.	Mr. Hasan Basri Yuksel	Turkey	
14.	Mr. Philip J. Riddell	UK	
15.	VPH Franklin Dimick	USA	

III.S.3 — WG-M&R			
No.	Members	Country	Remarks
1.	VP Ian Makin	UK	Chairman
2.	Dr. Dong Bin	China	Vice Chairman
3.	Engr. Muhammad Sani Bala	Nigeria	Secretary
4.	Dr. Sanjay Belsare	India	
5.	Ir. Eko Subekti	Indonesia	
6.	Mr. Mehrzad Ehsani	Iran	
7.	Mr. Ali Omran Ali	Iraq	
8.	Mr. Firas Hussain Ali – Young Professional	Iraq	
9.	Dr. Yohei SATO	Japan	
10.	Dr. Kwang-Sik Yoon	Korea, Rep. of	
11.	Mr. Mohd Yazid bin Abdullah	Malaysia	
12.	Mr. Bir Singh Dhami, Young Professional	Nepal	
13.	Mr. Usman-e-Ghani	Pakistan	
14.	Mr. Puleng Mofokeng	South Africa	
15.	Ms. Meral Çiçek	Turkey	
16.	Mr. Vyacheslav Rozhon	Ukraine	
17.	Dr. Brian T. Wahlin	USA	
Permanent Observers			
18.	Mr. Alan Kendall Clark	UK	
19.	FAO Representative- (Ms. Robina Wahaj)		

III.S.4 — 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.	Mr. Chen Hung-Kwai	Chinese Taipei	
5.	Dr. Ashraf El Sayed Ismail	Egypt	
6.	Eng. Mohamed Fawzy Mohamed Mahmoud	Egypt	Provisional Member
7.	Mr. Mati Tonismae	Estonia	
8.	Ms. Helena Aijo	Finland	
9.	Dr. Gurbachan Singh	India	
10.	Prof. Ir. Robiyanto Hendro Susanto	Indonesia	
11.	Mr. Ardavan Azari	Iran	
12.	Mr. Raed Abbood Awad	Iraq	
13.	Mr. Amjed Mohammed Abbas - Young Professional	Iraq	
14.	VPH Shinsuke Ota	Japan	
15.	Dr. Hajime Tanji	Japan	
16.	Dr. (Ms.) Naoko Koshiyama	Japan	
17.	Prof. Seong Joon Kim	Korea, Rep. of	
18.	Engr. Mohd Anuar Musardar bin Yusoff	Malaysia	
19.	Dr. Henk Ritzema	Netherlands	
20.	Mr. Fazal Rehman Kashif	Pakistan	Provisional Member
21.	Dr. Yurii Yanko	Russia	
22.	VPH Prof. Brane Maticic	Slovenia	
23.	Prof. Aidan Senzanje	South Africa	
24.	Dr. (Ms.) Bilge Omar	Turkey	
25.	Dr. James Ayars	USA	

III.S.5 — WG-WATS			
No.	Members	Country	Remarks
1.	Mr. Mehrzad Ehsani	Iran	Chairman
2.	VPH Adama Sangare	Mali	Vice Chairman
3.	Mr. Mortaza Yazdekhasti - Young Professional	Iran	Secretary
4.	Ms. Jianxin Mu	China	
5.	VPH M. Hassan Amer	Egypt	
6.	Dr. P. Soman – Direct Member, Jain Irrigation Systems Limited – JISL	India	
7.	Mr. Kamal Kumar Jangid	India	

8.	Mr. Abijit Joshi – Direct Member, JISL	India	
9.	Mr. Dhuha Mahmood Hussein	Iraq	
10.	Mr. Mohammed Alaa Dheyaa - Young Professional	Iraq	
11.	Prof. Michele Perniola	Italy	
12.	Prof. (Ms.) Kyung- Sook Choi	Korea, Rep. of	
13.	Dr. Ashfaq Ahmed Sheikh	Pakistan	Provisional Member
14.	Dr. Joe Stevens	South Africa	
15.	Eng. S. Mohanarajah	Sri Lanka	
16.	Dr. Hassan Aboalbasher Ali	Sudan	
17.	Mr. Yalçin Dalgin	Turkey	
Permanent Observers			
18.	Mr. S.P. Jadhav – Direct Member, JISL	India	
19.	IWMI Representative- Mr. Ian W. Makin	UK	
20.	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



FEE STRUCTURE FOR ICID EVENTS IN 2018, 2019 and 2020

Year	2018	2018	2019	2019	2020
Venue	Kathmandu, Nepal	Saskatoon, Canada	Aurangabad, India	Bali, Indonesia	Sydney, Australia
Event	8 th ARC	69 th IEC and Regional Conference	9 th IMIC	70 th IEC and 3 rd WIF	71 st IEC and 24 th Congress
Full registration	\$500	\$ 750	\$500	\$700	\$800
Non-member fee	\$650	\$ 800			\$ 900
Young Professionals (International)	\$250	\$ 375	\$250	\$400	\$400
Retired professionals (International)	\$ 250	\$ 375	\$250	\$400	\$400
Accompanying Persons (International)	\$ 150	\$ 300	\$200	\$300	\$ 300
Local / Delegates	\$ 150	\$ 400	\$200	\$200	\$800
Young Professionals (Local)			\$100		



**Report of the 38th Meeting of the
PERMANENT FINANCE COMMITTEE (PFC)
09 October 2017 : 14:00-17:30 Hous
Mexico City, Mexico**

Members Present: (1) Vice President Hon. Laurie Tollefson, Chairman (Canada, 2013); (2) President Hon. Prof. Dr. Bart Schultz (The Netherlands, 2011); (3) Mr. Hao Zhao (China, 2012) represented by Ms. Li Ruoxi; (4) Mr. Naoki Hayashida (Japan, 2014); (5) VP Dr. Irene Bondarik (Russia, 2014); (6) Mr. Ali Reza Salamat (Iran, 2016) and (7) Er. Avinash C. Tyagi, Secretary General, ICID.

Observers Present: (1) PH Peter S. Lee (UK); (2) VPH Dr. Laszlo G. Hayde (Hungary); (3) Mr. Marco Arcieri (Italy); (4) Mr. Mitsuo Ishijima (Japan); (5) VPH Er. A.B. Pandya (India); (6) Mr. Evan Derald (Canada); (7) Mr. Syaiful Mahdi (Indonesia) and (8) Mr. Yuta Takeno (Japan).

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

1. PFC noted that the Chairman VPH Laurie Tollefson will be retiring at the conclusion of the 68th Council meeting and requested the Chair to continue for one more term of three years. VPH Laurie agreed the proposal to continue as Chair for another term of three years. The Committee considered the nomination of Dr. Marco Arcieri, Secretary General, ITAL-ICID for the membership of the Committee and recommended that his nomination be accepted.

2. The Committee thanked PH Bart Schultz for his contribution to the work of the Committee, at the completion of term of office of six years as member of of the Committee.

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

3. Based on the report of DMA Sub-committee, the PFC recommended to IEC for acceptance of the following as Direct Members of ICID. PFC also considered the proposal of Life Membership (Individual) from Prof. Deepak Khare (India) and accepted it, subject to no-objection from the Indian National Committee.

Sl. No.	Name of Applicants	Country	Type of Membership Applied for
1.	Mr. L.B. Roy	India	Life Membership (Individual)
2.	Dayu Water Saving Group Co. Ltd.	China	Company
3.	Electrosteel Castings Ltd.	India	Company
4.	Mr. Klaus Rottcher	Germany	Individual

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

4. PFC noted with regret that the NCs of Brazil, Spain, Zimbabwe, and Saudi Arabia have not cleared their subscription dues for the years 2014, 2015 and 2016, besides the subscription for the year 2017. 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 the above named National Committees. IEC as per the rules decided to give them a final chance to clear their dues by 31st December 2017, failing which they would be relegated to the associate membership category.

5. Since, National Committees of Chad, Madagascar, Tanzania, Tajikistan and Ukraine have not cleared their outstanding dues of two years, in addition to the current year 2017, PFC considered and recommended that IEC may apply By-law 13.1 to above National Committees, debarring them from holding any office whether it be as Office Bearer or as a member of a work body until such time the arrears are paid.

6. PFC noted that Afghanistan National Committee has expressed their willingness to rejoin ICID and rejuvenate their membership and have deposited the Annual sunscription for the year 2017. PFC considered the case under By-law 13.5, and recomended that they be admitted as a member with immediate effect.

PFC Minutes Item 4: Review of the financial status of recently held ICID events**PFC Minutes Item 4.1: 4th African Regional Conference on Irrigation and Drainage, Cairo, Egypt, 26-28 April 2016**

7. PFC thanked ENCID for making a special contribution to ICID budget amounting to US\$ 2,734 as its 5% share from the registration fee collected (US\$ 54,680) for the 4th African Regional Conference held in Cairo, Egypt, 26 - 28 April 2016. The Committee recommended that IEC may like to record its appreciation to ENCID for the successful organization of the Regional Conference and contribution to ICID budget.

PFC Minutes Item 4.2: 67th IEC and 2nd WIF Meeting, Chiang Mai, Thailand, 08-12 November 2016

8. PFC thanked THAICID for making special contribution to ICID budget amounting to US\$ 80,159 as its 35% share from the registration fee collected (US\$ 229,025) for the 67th IEC and WIF2 meetings held in Chiang Mai, Thailand from 08-12 November 2016. The Committee recommended that IEC may like to record its appreciation to THAICID for the successful organization of 67th IEC and WIF2 meetings and contribution to ICID budget.

PFC Minutes Item 4.3: 13th International Drainage Workshop, Ahwaz City (Khuzestan Province), Iran, 04-07 March 2017

9. PFC thanked IRNCID for making special contribution to ICID budget amounting to US\$ 1,000 as its 5% share from the registration fee collected (US\$ 20,000). The Committee recommended that IEC may like to record its appreciation to IRNCID for the successful organization of 13th International Drainage Workshop and contribution to ICID budget.

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

10. PFC noted that IEC has already approved the fee structure for the 70th IEC and 3rd World Irrigation Forum (WIF3), Bali, Indonesia, October 2019; and 71st IEC and 24th Congress, Sydney, Australia, 22-28 September 2020, based on host NC presentations. PFC considered the financial proposals presented by the host NCs for the events that have been already approved by IEC in its earlier meetings in respect of 69th IEC and America Regional Conference, Saskatoon, Canada from 12-17 August 2018; 8th Asian Regional Conference in Kathmandu, Nepal, from 02 - 04 May 2018 and 9th Micro Irrigation Conference at Aurangabad, India, in January 2019 which are reproduced below in a tabular format.

11. The NC of Canada suggested a registration fee of US\$ 800 for delegates from non-member countries, while the NC of Indonesia agreed to have a reduced full registration fee of US\$ 700 in place of earlier proposed US\$ 800 as tabulated below. The Council may approve the revised registration fees suggested by NCs of Canada and Indonesia which needs to be appreciated as this will result in greater participation in the respective annual events of ICID.

Venue / Year	Kathmandu, Nepal, 2018	Saskatoon, Canada, 2018	Aurangabad, India, 2019	Bali, Indonesia, 2019	Sydney, Australia, 2020
Event	8th ARC	69th IEC and Regional Conference	9th IMIS	70th IEC and 3rd WIF	71st IEC and 24th Congress
Full Registration	\$500	\$ 750	\$ 500	\$ 700	\$ 800
Non-Member Fee	\$650	\$ 800			\$ 900
Young Professional (International)	\$250	\$ 350	\$ 250	\$ 400	\$ 400
Young Professional (Local)			\$ 100		
Local Delegates	\$150	\$ 400	\$ 200	\$ 200	\$ 800

Venue / Year	Kathmandu, Nepal, 2018	Saskatoon, Canada, 2018	Aurangabad, India, 2019	Bali, Indonesia, 2019	Sydney, Australia, 2020
Retired Professionals (International)	\$250	\$ 375	\$ 250	\$ 400	\$ 400
Retired Professional (Local)			\$ 100		
Accompanying Persons (International)	\$150	\$ 300	\$ 200	\$ 300	\$ 300
Accompanying Persons (Local)			\$ 100		

PFC Minutes Item 6: To discuss the audited accounts of ICID for the year 2016-2017 and recommend to the IEC

12. The Committee considered the Audit Report of M/s P.K. Chopra & Co., Statutory Auditors for the financial year 2016-2017 presented in Annex 1, page 33 of PFC agenda notes. The PFC having been satisfied with the report, recommended that the the Audit Report for the FY 2016-2017 submitted by M/s P.K. Chopra & Co., be approved.

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

14. The Committee noted with concern that the current Foreign Currency Account in HSBC Bank in London, is presently non-operative (Refer the Minutes of 37th PFC, Item No. 6, Para No. 18) and the Bank has intimated that they would not like to provide ICID their services. PFC recommended that the HSBC Accounts may be closed and the balance amount, along with the Fixed Deposits therein may be transferred to ICID bank accounts in India at the earliest opportunity.

15. PFC noted that the financials i.e. Balance Sheet, Income & Expenditure Account and Receipts & Payment Account of the ICID Employees Provident Fund Trust for the year 2016-2017 were also audited by the statutory auditor M/s P.K. Chopra & Co. The Committee noted that ICID EPF Trust (as a private trust) was de-recognized w.e.f. 01 April 2013 onwards. Consequently, the individual accounts of ICID staff members have been shifted to Employees' Provident Fund Organisation (EPFO) w.e.f. 01 April 2013. Hence, the ICID EPF Trust is in the process of dissolution, the Committee noted.

PFC Minutes Item 7: Budget and Expenditure for the FY 2016-2017

16. The Committee noted the expenditure during FY 2016-2017 against the budget and approved the same. It noted that there has been an overall surplus of ₹ 1.29 million (US\$ 19,591) against a budgeted surplus of ₹ 0.36 million (US\$ 5,485) envisaged during FY 2016-17.

17. The Committee noted with appreciation that during the FY 2016-2017, an amount of ₹ 3.35 million (US\$ 50,000) as a Special Subscription from CNCID/Ministry of Water Resources, China; ₹ 0.31 million (US\$ 5,000) from JNC-ICID for supporting the publication of Special issue of ICID Journal on Sustainable Development in Tidal Areas (SDTA); and ₹ 0.66 million (US\$ 10,000) towards supporting a Side Event 2 organized during WIF2 as special subscription from KCID were recieved.

18. Further, an amount of ₹ 1.25 million (US\$ 20,156) against capacity development program (specifically for DPR Korea) and ₹ 0.33 million (US\$ 5,000) towards supporting the newly established Technical Support Unit (TSU) were received from KCID during the FY 2016-2017.

19. PFC put on record its appreciation for the NCs of China, Korea and Japan for the financial support provided for ICID activities.

PFC Minutes Item 8: To consider revised budget proposal for the current FY 2017-2018; budget proposal for FY 2018-2019; preliminary budgets for FY 2019-2020 and forecast budget for FY 2020-2021

20. The committee noted that the Central Office is operating with 17 staff members (with two positions remaining vacant) and that the budget proposals includes salaries of ICID staff at the revised pay scales based on the Report of ICID Staff Pay Revision Committee and approved by the Staff Committee in its meeting held on 7 October 2017 in Mexico City, Mexico.

21. The Committee considered the revised budget for the FY 2017-2018 and the budget proposal for the FY 2018-2019, preliminary budget for 2019-2020 and forecast budget for 2020-2021. It noted with concern that there is likelihood of deficit during the FY 2017-18 and FY 2018-19. On query from the members, it was clarified that the expenditure has been rising with rise in income due to the fact that the about 35% of the increase in income, largely attributed to increased rent from office building, also increases the expenditure in terms of taxes. It was pointed out that during the last three-four years all the outstanding liabilities, including the provisions for gratuity and leave salaries, have been provided for. The Committee appreciated the efforts made to settle all past ICID financial liabilities.

22. The committee recommended to IEC for the approval of the revised budget for FY 2017-2018 and the proposed budget for FY 2018-2019, presented in **Annex 1** and noted the preliminary budget for FY 2019-2020 and forecast budget for 2020-2021.

PFC Minutes Item 9: Surplus/Deficit and Cash Reserves

23. The Committee noted that the total Cash Reserves as at the beginning of the FY 2017-2018 is only ₹ 38.61 million (US\$ 585,061) which is less than the 50 percent of the annual expenditure. The Committee agreed to the proposal to build a cash reserve equivalent to one year's expenditure to begin with on an incremental basis.

PFC Minutes Item 10: Report of the Task Force on 'Review of Annual Subscription' (TF-AM)

24. The Chair of TF-AM, VPH Laurie Tollefson presented the report of the TF during the meeting. The Committee reiterated its confidence in the basic structure of the formulae, prevalent for more than forty years. There was wide support on the rationalization and updation of the subscription formulae. At the same time the Committee also noted concern from some NCs on the substantial rise in annual subscription. The Committee after deliberations and subsequent discussions, recommended that the 1991 formulae being used presently be updated as follows:

The revised formulae:

$$S(2017) = \{1515 + \text{UNC} + 1900 A^{**0.35}\} \times \{\text{InF}\} \dots \quad \{\text{for NC with } A > 9.35 \text{ M}\}$$

$$S(2017) = \{1515 + \text{UNC} + 1360 A^{**0.5}\} \times \{\text{InF}\} \dots \quad \{\text{for NC with } A < 9.35 \text{ M}\}$$

Where,

(i) S(2017) is the subscription in US \$;

(ii) UNC, for countries paying UN contribution

< 0.30 per cent:	UNC = 0.
>0.3 per cent but < 0.6 per cent:	UNC = US \$ 725
>0.6 per cent but < 1.5 per cent:	UNC = US \$ 1450
>1.5 per cent but <3.0 per cent:	UNC = US \$ 2175
> 3.00 per cent:	UNC = US \$ 2900

(iii) A is the Weighted Benefitted Area calculated as follows:

$$\text{Weighted Benefit area} = IA + (0.5) * DA \dots \dots \text{if } IA > DA$$

$$\text{Weighted Benefit area} = DA + (0.5) * IA \dots \dots \text{if } DA > IA \text{ and Irrigated Area (IA); Drainage Area (DA)}$$

(iv) In F is the cumulative Inflation Factor for three years as obtained from the IMF data?

25. PFC recommended that based on the above formulae, the annual contributions from the members be decided as follows:

- (a) The annual subscriptions rates shall be recalculated every three years during the meeting of IEC in the Congress year.
- (b) In order to have a smooth transition to the new subscription, the NCs will be provided an opportunity up to 31st December 2017 to indicate, if the Benefitted Areas shown in Table 1 (**Annex 4, page ___ of IEC minutes**) and used in calculating the subscription are correct or not.
- (c) The NCs, if they find the areas used are correct, may indicate how they would like to have transition into the new subscription regime within the next three years.
- (d) If no objection is received from the NC, the new annual subscription would be raised by CO as per the calculations in the Table 1 .
- (e) In case objection is raised due to reconciliation of the irrigated and drained area figures, the matter will be placed before the PFC, who will take the final decision through a virtual meeting before 31st March 2018 and ratified by IEC through circulation among the NCs.

26. The Committee appreciated the Financial Sustainability Report presented by the Secretary General to the TF and PFC, which was found to be comprehensive. The Committee noted that it was for the first time that ICID had undertaken its financial sustainability assessment. PFC fully supported the methodology adopted in the report by undertaking risk analysis under various scenarios. The Committee had detailed discussions on the report and its recommendations.

27. PFC observed that there is a case for the Committee to be able to draw more upon the experience of financial experts from more NCs and keep a closer watch on the financial health of the organization. PFC also observed that the format of the Financial Report presented by the SG is required to be standardised. PFC decided to review the financial position of the organization more closely vis-a-vis the Action Plan of the organization and monitor the long-term financial sustainability of the organization once in every five years.

28. PFC noted that the financial assets such as operating funds in the banks should be invested more professionally. Possibility of investing some of the operating reserves in other financial instruments such as Mutual Funds (with low risks), needs to be explored.

29. PFC recommended that ICID should be able to steadily build up a reserve equivalent to the expenditure of the previous year since there is large fluctuation in the revenue resources and certain risks which need to be hedged against. Efforts should be made to reach this target steadily but as early as feasible.

30. PFC recommended that ICID events (WIF, Congresses and Regional Conferences) together with Exhibition need to be conducted more professionally thereby enhancing their financial contribution and effectiveness.

31. PFC agreed that additional office space needs to be built to generate more income from rent. The funds required for construction of the additional office space, is approx. Rs 70 million. However, PFC advised SG to explore the possibility of obtaining loan for the construction of the additional office space while avoiding loan from YES Bank, that may compromise ICID's position in negotiating the market rent for its space.

32. PFC observed that in order to implement strategies, programs and activities as per the Road Map to ICID Vision 2030, ICID needs to adopt more entrepreneurial routes to financial sustainability by investigating the scope for additional resource mobilization. One possibility could be to generate income by establishing business (es) Considering that this is a new area, PFC recommended that a special Task Force may be set up to explore the feasibility of establishing an independent business unit related to ICID mission (e.g., capacity development and professional certification), whose profits could plough in as revenue to ICID budget.

PFC Minutes Item 11: Report of the Task Team on 'Registration Fees for ICID Events' (TT-RF)

33. PFC noted that the registration fee for the ICID events is largely within the purview of the Host NCs as they have to ensure that the event is financially viable. The registration fee for various ICID events has been constant for the last five years and the registration fees for the forthcoming events remain in the same range. It is also noted that compared with other international events of the magnitude of ICID, ICID registration fee structure is very reasonable.

34. PFC recommended that the future host organizers may be asked to suggest two tier system of registration fee structure so that those experts which are not able to afford high registration fee may get an option with lower registration fee and are also able to join ICID events.

PFC Minutes Item 12: Miscellaneous

35. PFC noted with concern that ICID FCRA Registration Number has been cancelled due to delay in submission of FCRA annual returns in the past due to administrative oversight. As a consequence, ICID is able to receive only membership subscription, registration fees, royalty from M/s Wiley-Blackwell and special subscription from members. CO will not be able to receive foreign grants until the time, a fresh FCRA registration number be allotted. PFC also noted that the ICID PF Trust is in the process of dissolution and the PF of CO employees is now being handled by the Employees Provident Fund Organization of Government of India.

36. Considering that this meeting of PFC would be the last meeting of the Secretary General Avinash Tyagi, PFC members expressed their appreciation for bringing the financial system of ICID transparent and clearing all the past liabilities, thereby providing ICID the much required financial stability.

37. The meeting concluded with vote of thanks to the Chair.



**Report of the 28th Meeting of the
PERMANENT COMMITTEE ON STRATEGY AND ORGANIZATION (PCSO)
12 October 2017, 13.30-17.00 hours
Mexico City, Mexico**

Members Present: (1) Vice President Bong Hoon Lee, Chairman (Korea, 2014); (2) Vice President Hon. Er A.B. Pandya (India, 2013); (3) Vice President Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2014); (4) Vice President Dr. Ding Kunlun (China, 2014); (5) Vice President Prof. Dr. Charlotte de Fraiture (The Netherlands, 2015); (6) Vice President Mr. Ian William Makin (UK, 2015); (7) Vice President Dr. (Mrs.) Irena G. Bondarik (Russia, 2016); (8) Vice President Mr. Waseem Nazir (Pakistan, 2016); (9) Vice President Er. Madhav Belbase (Nepal, 2016) and (10) Er. Avinash C. Tyagi, Secretary General, ICID.

Ex-Officio Members Present: (1) Chairman, African Regional Working Group (AFRWG); (2) Chairman, European Regional Working Group (ERWG); (3) Chairman, Asian Regional Working Group (ASRWG); (4) Convener, ICID Young Professional's e-Forum (IYPeF) and Vice-Chair, PCSO; (5) Chairman, Committee on Congresses/Conferences (C-CONGR) and (6) Chairman, Working Group on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST).

PCSO Minutes Item 1: ATR on the Minutes of the 27th Meeting of PCSO

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

PCSO Minutes Item 2: Membership of PCSO and its Workbodies

2. The Committee recalled that IEC in its 67th Meeting had nominated Ms. Kathleen Heuvel (Coordinator, IYPeF) as Vice Chair of PCSO. Presently, there is no such provision in of Article 3.9.5 (c) of the By-laws. The Committee therefore recommended that appropriate changes in the Article 3.9.5 (c) of the By-laws may be made as below:

“The Permanent Committee on Strategy and Organization will be composed of the incumbent Vice-Presidents, the Secretary-General, the Coordinator of IYPEF and three immediate past Vice-Presidents”.

[Later IEC, on the advice of the Sub-Committee on Constitutional Changes, however, advised that the proposed amendment may be taken up next time and till that period, the Vice Chair may be included as Observer to the Committee.]

3. Based on the recommendations of the various workbodies associated with it, PCSO reviewed the membership and recommended for acceptance by the Council. 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 7 (Page 55) of 68th IEC minutes.

PCSO Minutes Item 3: Membership of ICID

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

4. The Committee noted with regret that as many as 4 NCs would attract provisions of Bye-law 13.2 and would be relegated to associate membership with effect from January 2018. The Committee also took note of the status of the direct membership.

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

5. The Committee noted the efforts made by the Vice Presidents in strengthening the regional cooperation and activities of National Committees allocated to them. The Committee appreciated the efforts of President Dr. Nairizi, VP Bong Hoon Lee, VP Dr. Irene Bondarik for their efforts in furthering the membership of ICID.

6. The Committee noted the new membership applications for ICID from Azerbaijan, Georgia and Vietnam. The Committee recommended to the Council that Azerbaijan, Georgia and Vietnam may be admitted as ICID members with effect from 01 January 2018 subject to their payment of the subscription fee for the year 2018 before 31 December 2017. Georgia may also be requested to submit an endorsement from the government, as their present application is submitted by a public sector undertaking.

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

7. The Committee noted and supported the proposal for granting Direct Membership to five new applicants, as per the recommendations of DMA Sub-Committee, while the fifth applicant Prof. Deepak Khare's admittance as a Direct Member, is subject to no objection from Indian NC.

PCSO Minutes Item 3.4: Task Force on Revitalization of ICID Network (TF-REV)

8. The Committee considered the suggestion made by SG on behalf of the Chair of the TF, VPH Dr. Huseyin Gundogdu to close the TF-REV. It recommended that the progress of further work of Task Force is dependent entirely on ERWG, and accordingly it may be requested to undertake further analysis in respect of European NCs and submit their report to PCSO. The Committee appreciated the work done by the TF-REV and recommended that the TF may be closed.

PCSO Minutes Item 4: Road Map to ICID Vision 2030: The Monitoring Mechanism

9. The Committee deliberated upon the "Road Map to ICID Vision 2030", which provides new vision, mission, organizational goals, and strategies to put Vision into Action. The Committee considered the Action Plan for 2017-21 where the activities identified by the various WGs, RWGs, NCs and Central Office to implement the identified strategies, have been provided.

10. The Committee felt the need for a mechanism in order to monitor the Action Plan. It recommended that the WGs may be requested to monitor the progress of activities and report it to their respective Permanent Committees vis-à-vis the activities identified in the Action Plan. It also recommended that the Co-Theme Leaders should also take stock of the progress of WGs under the Action Plan in their synthesis report to PCTA.

PCSO Minutes Item 5: Knowledge Management Strategy (KMS)

11. The Committee acknowledged the need for a more integrated approach of Knowledge Management within ICID, being a knowledge based network, and particularly in view of the 'Road Map for ICID Vision 2030'. It appreciated SG for presenting a Draft Knowledge Management Strategy to deal with the new requirements. The Committee considered the "Concept note on the Knowledge Management Strategy (KMS)" placed at Annex 4 (of WG-CDTE), page 133 of 68th IEC Agenda Notes. The Committee broadly agreed to the approach adopted in the strategy and hoped that the Central Office will be able to provide more support to the WGs to be able to contribute to the implementation of the strategy and appreciated the fact that a dedicated team has been established in the Central Office for the purpose. The Committee desired that the draft strategy may be firmed up during the next year in consultation with various stakeholders and a final version of the strategy may be brought forward to the next meeting of PCSO during 69th IEC in Saskatoon in 2018.

PCSO Minutes Item 6: Collaboration and Cooperation between ICID and other International Organizations

12. The Committee appreciated the increasing cooperation with International Organizations and collaborative activities undertaken during the year 2016-17.

PCSO Minutes Item 7: Review of reports of Regional Working Groups (RWGs)**PCSO Minutes Item 7.1: African Regional Working Group (AFRWG)**

13. VP Dr. Mohamed Wahba, Chair of AFRWG presented its report. The Committee noted with appreciation the offer of Morocco to host the 5th African Regional Conference and suggested that the ANAFIDE may submit their proposal by providing relevant information in 'Form A', duly considering the schedule of other ICID events. The members noted that the paper on 'Green Revolution in Africa' is pending for quite some time and decided that the Chair and Ex-Chair would come out with a draft soon for circulation among NCs for their inputs so that it could be completed by the next IEC in Saskatoon, Canada in 2018. The Group also decided to develop a training needs assessment document and organize two virtual meetings during the intervening period.

PCSO Minutes Item 7.2: European Regional Working Group (ERWG)

14. VP Ian Makin, Chair of ERWG presented its report. The Committee noted with concern the decreasing interest in the countries in the region. It noted the efforts being made for increasing the membership in the region and the increasing involvement of the Young Professionals.

PCSO Minutes Item 7.3: Asian Regional Working Group (ASRWG)

15. VPH Dr. Karim Shiati, Chair of ASRWG presented its report. The Committee noted the linkages being developed among various NCs to promote cooperation among themselves as well as with regional and transnational organizations, e.g. Chinese Taipei (CTCID), Indonesia (INACID) and Malaysia (MANCID); and proposed cooperation between Iran (IRNCID) and Italy (ITAL-CID) and Korea (KCID) and Nepal (NENCID). The WG reported that ASRWG-Report titled "Contribution of Agricultural Water to the Rural Development in Asia" is planned to be published in 2017 and eventually ready for distribution at WWF8 in Brasilia, Brazil in March 2018.

PCSO Minutes Item 7.4: American Regional Working Group (AMRWG)

16. SG briefly presented the efforts that have been made in reviving the American Regional Working Group. He also presented the requests originating from the special meeting of the Countries from Latin America, organized by MXCID, particularly regarding grant of regional membership, in place of individual country membership. PCSO recommends that a Special Task Team may be constituted by the Council which after interaction with the Latin American countries and considering the organizational and financial aspects of the proposal may submit its report at the earliest.

PCSO Minutes Item 8: Review of reports of Working Groups/Committees**PCSO Minutes Item 8.1: Working Group on Irrigation and Drainage in States Under Socio-Economic Transformation (WG-IDSST)**

17. The extended tenure of the WG was up to 2017. VPH Prof. Peter Kovalenko, Chair presented its report and the revised mandate based on the scoping document approved by the WG. Based on the report, the Committee recommended establishing a WG on Irrigation and Drainage in States under Socio-Economic Transformation (WG-IDSST) with revised mandate.

PCSO Minutes Item 8.2: Committee on Congresses/Conferences (C-CONGR)

18. Mr. Sean Cazares (MXCID), on behalf of the Chair presented its report. The Committee appreciated the efforts made by MXCID in organizing a successful event despite the challenges posed by the devastating earthquake. The Committee noted that the SG has submitted a proposal in the form of Draft Letter of Agreement (LoA) between the Central Office and the Host National Committees of ICID events. The Committee recommended that a TT may be constituted to review the Draft LoA which may be submitted for consideration of IEC through the relevant work bodies at its next meeting.

PCSO Minutes Item 8.3: ICID Young Professional's e-Forum (IYPeF)

19. Ms. Kathleen Heuvel, Coordinator of IYPeF presented her report. Committee noted with satisfaction that the Forum is being organized successfully and has generated interest of YPs in ICID activities. The YPs are actively interacting among themselves throughout the year. However, YPs are lacking support from the expert members of ICID. PCSO urged ICID experts to come forward and help in mentoring the YPs.

PCSO Minutes Item 9: Organizational issues related to IEC, Congresses, Forums and Conferences**PCSO Minutes Item 9.1: Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)**

20. SG informed that the SC-E-THEMES is looking closely at the quality of response papers to the Questions dealt within the Congress. PCSO noted that a team is likely to look into the overall organization of the events from technical perspective to ensure that the outputs from Congress and WIFs are of good quality. It also noted that the Sub-Committee is monitoring the follow up actions on the major recommendations coming from the declarations of the Congress and WIFs.

21. The Committee endorsed the recommendation of the Sub-Committee that the technical outputs of congress questions should be improved and monitored continually for which there is a need to increase the paper quality with the focus on to answer the designated Questions, including encouraging the NCs and workbodies to organize and recommend authors to write and submit papers. Farmers are the end user of technologies and, therefore, techniques and measures to have them involved in discussions and communications are important. The Committee also endorsed the recommendation of the Sub-Committee that a Farmers' Roundtable should be organized in future WIF by cooperating with other organizations and sponsorship should be mobilized to support farmers' participation at WIF3.



Report of 37th Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
 13 October 2017, 09.00-17.00 hours
 Mexico City, Mexico

Members Present: (1) Vice President Dr. Ding Kunlun, Chairman (China, 2015); (2) Prof. Masayoshi Satoh (Japan, 2012); (3) President Hon. Mr. Peter S. Lee (UK, 2013); (4) Vice President Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (5) Mr. Ali Reza Salamat (Iran, 2015); (6) Prof. Graziano Ghinassi (Italy, 2012); and (7) Er. Avinash C. Tyagi, Secretary General, ICID

Permanent Observers Present: (i) Ms. Patricia Mejias-Moreno, FAO Representative and (ii) Mr. Ian Makin, IWMI Representative.

Ex-Officio Members Present: (i) VP Dr. Mohamed Wahba (Egypt), Co-Theme Leader, Strategy Theme – Basin; (ii) VP Dr. Charlotte de Fraiture (Netherlands), Co-Theme Leader, Strategy Theme – Basin & Chair, WG-ENV; (iii) VP Mr. Waseem Nazir (Pakistan), Co-Theme Leader, Strategy Theme – Knowledge; (iv) VP Dr. Ding Kunlun (China), Co-Theme Leader, Strategy Theme – Schemes; (v) VP Ian Makin (UK), Co-Theme Leader, Strategy Theme – Schemes & Chair, WG-M&R; (vi) VP Irene G. Bondarik (Russia), Co-Theme Leader, Strategy Theme – Schemes; (vii) VP Bong Hoon Lee (Korea), Co-Theme Leader, Strategy Theme – On- Farm; (viii) VP Madhav Belbase (Nepal), Co-Theme Leader, Strategy Theme – On- Farm; (ix) VPH Mr. Larry D. Stephens (USA), Chair, C-PR&P and Secretary, PCTA; (x) PH Prof. Bart Schultz (The Netherlands), Chair, EB-JOUR;; (xi) Dr. Kamran Emami (Iran), Chairman, WG-HIST & TF-VE; (xii) VPH Franklin E. Dimick (USA), Acting Chair, WG-DROUGHT; (xiii) Dr. Ruey-Chy Kao (Chinese Taipei), Chair, WG-SDTA; (xiv) Dr. Tsugihiko Watanabe (Japan), Chair, WG-CLIMATE; (xv) VPH Dr. Ragab Ragab (UK), Chair, WG-CROP; (xvi) Dr. Samia El-Guindy (Egypt), Chair, WG-PQW represented by VPH Dr. Ragab; (xvii) Dr. A.K. Randev, Chair, WG-SON-FARM; (xviii) PH Dr. Chandra A. Madramootoo (Canada), Chair, TF-WWF8; (xix) Dr. Fuqiang Tian (China), Chair, WG-BIO-ENERGY; (xx) Dr. Bernard Vincent (France), Chair, WG-SDRG; (xxi) VPH Dr. Hafied Gany (Indonesia), Chair, WG-IOA; (xxii) VPH Ms. Mary Jean M. Gabriel (South Africa), Chair, WG-IDM; (xxiii) Mr. Mehrzad Ehsani (Iran), Chair, WG-WATS and (xxiv) PH Dr. Gao Zhanyi, Chair, SC-E-THEMES.

Observers Present: (i) President Dr. Saeed Nairizi (Iran); (ii) VPH Felix B. Reinders (South Africa); (iii) VPH Dr. Gerhard Backeberg (South Africa); (iv) VPH Dr. Adama Sangare (Mali); (v) VPH Prof. Laszlo Hayde (Hungary); (vi) VPH Laurie Tollefson (Canada); (vii) VPH A.B. Pandya (India); (viii) VP Mr. Waseem Nazir (Pakistan); (ix) Mr. Naoki Hayashida (Japan); (x) Mr. Hitsu Ishijima (Japan); (xi) Mr. Batali El Houssine (Morocco); (xii) Mr. Hidefumi Murashita (Japan); (xiii) Mr. Yeji Imayoshi (Japan); (xiv) Mr. Stanislaus M. Chisakuta (Zambia); (xv) Mr. Geumjun Lee (Korea); (xvi) Mr. Takeshi Kikutsuji (Japan); (xvii) Dr. Sylvester Mpandeli (South Africa); (xviii) Mr. Marcos Cerrillo (Mexico); (xix) Mr. Yasunori Saiki (Japan); (xx) Mr. Mamoru Watanabe (Japan); (xxi) Mr. Aidan Senzanjee (South Africa); (xxii) Mr. Jalal Aboohassani (Iran); (xxiii) Mr. Gao Lihui (China); (xxiv) Ms. Narges Zohrabi (Iran) and (xxv) Mr. Muhammad Reza Shemsei (Iran).

PCTA Minutes Item 1: Water Accounting and water use efficiency: Presentation

1. Ms. Patricia Mejias-Moreno (FAO) made a presentation on “Water Accounting and Water Use Efficiency” which was appreciated by the members and several questions were discussed. The Committee has taken note of the ICID’s participation in the WWC Members’ initiative on ‘Water Accounting for decision making in the agricultural sector’ and considered the suggestion of ‘Water Accounting as a Policy Tool’. The members pointed out that WA should be able to take in to account the groundwater which constitutes a vital role in agriculture water management and the data gaps to incorporate the same have to be bridged for being useful in real-time operations. It urged experts from member countries to make use of the tools generated under the initiative.

PCTA Minutes Item 2: ATR on the minutes of the 36th Meeting of PCTA

2. The Committee noted with satisfaction the ATR on the minutes of the 36th meeting of PCTA.

PCTA Minutes Item 3: Membership of the PCTA and Workbodies

3. PCTA considered the proposals for its membership and for the membership of various workbodies associated with it and recommended for acceptance by the Council. Consequent upon the acceptance by the Council, an updated consolidated membership of all workbodies, including those of PCTA and its workbodies, is given in Annex 7 (Page 55) of 68th IEC minutes.

PCTA Minutes Item 4: Sub-Committee to investigate the Structure, Scheduling of Meetings and Membership of Working Groups (SC-SSMWG)

4. VP Ding Kunlun, Chair, SC-SSMWG presented the report of the Sub-Committee together with its recommendations and the Committee made the following recommendations to the Council.

- (a) For establishing any WG, an agreement for participation from at least 10 NCs should be a must.
- (b) A WG can have more than one member from a NC with a maximum of four experts from a particular NC, with one of them necessarily being a Young Professional.
- (c) It should be obligatory on the part of NCs to ensure the participation of nominated Experts in the activities of WG and review their participation in WG activities, periodically.
- (d) The present mechanism of Strategy Theme leaders presenting a review on the functioning of WGs under their respective theme every year to PCTA should be followed rigorously and the Theme Leaders should try to attend the meetings of the WGs under their respective themes, discuss with the chairs on the issues and ensure that there are no overlaps.
- (e) SG should take up the drive to increase the membership of the WGs by writing to NCs and at the same time explore the possibility of providing concession in registration fee for ACTIVE members (one or two) of well-functioning WGs.
- (f) WG Chairs to make the WG meetings technically more attractive by taking preparatory steps through virtual meetings of the WG before preparing the agenda.
- (g) The outcomes of the technical workshops should be shared widely by publishing an article in ICID News, etc.

5. The Committee was informed that first two recommendations have already been incorporated in the ICID By-laws.

PCTA Minutes Item 5: Road Map to ICID Vision 2030: Role of Working Groups

6. President Dr. Nairizi emphasized the need for ICID to achieve its Vision 2030 to remain relevant. He pointed out it was the first time that the Commission has clearly laid out common goals that would help its various stakeholders move towards the desired objectives.

7. The Committee deliberated upon the “Road Map to ICID Vision 2030”, which provides new vision, mission, organizational goals, and strategies to put ICID’s Vision into Action. The Committee considered the Action Plan for 2017-21 where the activities identified by the various WGs, RWGs, NCs and Central Office to implement the identified strategies, have been provided. The Committee noted that the chapter on ‘Action Plan: Vision to Action’ which identifies the actions required to be taken up by the ICID network for fulfilling of its vision.

8. The Committee emphasized the pivotal role of the Working Groups in putting the vision into action. The WGs should incorporate the identified activities into their Action Plans and at the same time develop their activities aligned to the strategies. It is important that WGs focus their activities towards measurable outputs which could form part of the products that could be disseminated to the NCs. These products should be useful to the NCs in delivering on the goals that the NCs might be required to achieve as part of their national mandates. The products should also address the needs of multi-disciplinary actions required for a water secure world free of poverty and hunger, the new vision of ICID. The Committee noted (based on the reports considered under subsequent agenda items) that the WGs have started taking guidance from the Action Plan 2017-21.

9. Vice President Waseem Nazir, while lauding the Vision and Action Plan, wondered whether ICID could achieve the desired objectives by continuing to work the way it is presently being organized. Does ICID need to change to accomplish its aspiration for 2030? He pointed out that ICID represents the Global collective wisdom and its technical contributions on irrigation and drainage have been great with a treasure chest of Data and Knowledge. At the same time, he pointed out that ICID is inward focused and deficient in marketing its contributions.

10. VP Nazir pointed out that there is a need to enhance ICID’s attractiveness for participants, practical utilization of knowledge, interaction with non-technical stakeholders, address issues directly. He suggested that efforts must be made to ensure that ICID is an efficient, effective and sustainable organization. In order to achieve its vision and mission, ICID should address policy issues and preserve irrigation legacy for generations to come. It should enhance its engagement with private sector stakeholders.

11. VP Nazir suggested that the organization should challenge itself and promote out-of-the box thinking by curtailing technical papers presentation within one day, addressing one question per Congress while looking at other important issues, and organizing joint meetings of the WGs under each of the four core thematic areas thereby promoting visibility among participants and enhance networking.

12. Considering similar suggestions emanating from other speakers under various other agenda items and the resolve under the chapter 6 of the Road Map, PCTA recommended that SC-E-THEMES may be tasked to work out the structure of its Annual events.

PCTA Minutes Item 6: International Research Program for Irrigation and Drainage (IRPID) Scheme

13. Representatives of the Heads of Regional Nodes (RNs) of IRPID in Tehran and Beijing updated the Committee on the activities under their respective nodes.

14. The Committee noted that the IRPID program is one of the activities that could provide the NCs an opportunity to improve its profile within the countries as it provides various research stakeholders in AWM research, a window to exchange and showcase ongoing research activities in the irrigation and drainage sector worldwide. It would also help ICID in its objective of serving as a repository of knowledge in irrigation and drainage sector.

15. The Committee noted that there were interests in establishing IRPID nodes in Africa and the Mediterranean regions. Comprehensive proposals in accordance with IRPID Scheme are yet to be received. The NCs of Egypt and Italy may prepare formal proposals to establish RNs in Egypt and Italy for consideration of the AC-IRPID established to administer and guide the Program. PCTA encouraged NCs for the establishment of more RNs elsewhere.

16. PCTA was informed that as per the directions of AC-IRPID, the Central Office has prepared an Irrigation Research (IrriSEARCH) database template in AWM, which needs to be populated by the RNs and its affiliate NCs. It noted that the database can serve as an important tool in fulfilling the objectives of IRPID.

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 Water for Bio-Fuel and Food (WG-BIO-FUEL)

17. Dr. Fuqiang Tian, Chair of the WG presented the report of the new WG. The WG has identified activities under three strategies for Vision 2030. The WG is planning to organize a webinar during the upcoming year. PCTA members noted that the WG had organized an invited talk on “water-food-energy nexus” by Professor Margarita González Brambila from Metropolitan University of Mexico. The PCTA desired that WGs while inviting such specialists, particularly dealing from multi-disciplinary field, should advertise such lectures in advance so that experts from other WGs should be able to take advantage of such talks.

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

18. Dr. Tsugihiko Watanabe, Chair of the WG presented the report. The WG held a workshop during the Mexico City IEC meeting and will organize another workshop during the 2018 in Canada. The WG proposed one Webinar by Dr. Jaepi Cho of APEC Climate Center, Korea, of which tentative title is “Downscaling and Seamless Climate Service for Adapting against Climate Change”.

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

19. Dr. (Ms.) Charlotte de Fraiture, Chair of the WG presented the report and informed that the WG proposes to develop a ICID technical paper on Ecosystem Services from Irrigation Systems for which first a workshop is proposed to be organized during the 69th IEC.

PCTA Minutes Item 7.4: Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)

20. VPH Franklin E. Dimick, Acting Chair of the WG presented the report of the new WG and emphasized that the WG is not focusing on Drought, rather its focus is on Water Scarcity, which is of more permanent nature due to competing demands. The WG has prepared a Road Map of future activities. The WG will hold a webinar during the year and is planning a Workshop on *Priorities For Water Use – New (Or Emerging) Demands Competing With Irrigation* to during the 69th IEC meeting. A questionnaire is being developed for the internal use of the WG initially and for others later.

PCTA Minutes Item 7.5: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

21. The extended tenure of the WG has ended in 2017. Dr. Ruey-Chy Kao, Chair of the WG presented the report and informed that he has submitted the Mandate for the new WG. The WG is preparing a special issue of the ICID Journal and its activities are linked to 5 strategies identified in the Road Map to ICID Vision 2030. It was suggested that the WG should also include impacts on groundwater in coastal areas. PCTA recommends that the WG may be provisionally approved subject to at least 10 NCs supporting its activities by way of sponsoring its experts to participate in its activities.

PCTA Minutes Item 7.6: Synthesis Report by Co-Theme Leaders of ST Basin [VP Dr. Mohamed Abd-El-Moneim Wahba (Egypt) & VP Dr. Charlotte de Fraiture (The Netherlands)]

22. VP Dr. Wahba and VP Dr. (Mrs.) Charlotte de Fraiture presented their synthesis of ST-Basin and urged the WGs to spend more time on technical activities and less on administrative issues, which should be sorted out through virtual meetings prior to the physical meeting. VP Charlotte also urged WGs to make an effort to announce their proposed programs, especially about the special lectures which might be of general interest to experts from other WGs. VP Ian Makin suggested that several WGs meet jointly during the IEC week to attract more high-quality speakers.

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)**

23. In the absence of WG Chair and Vice Chair no report was presented. However, as per draft minutes and summary report, the Committee noted that Korea and Morocco will support training program for YPs in 2018 and 2019 respectively. The Committee also appreciated the offer by Mr. Jaepil Cho (Team Leader, Climate Application Team, APEC Climate Center), Korea to support any training program on climate change and adaptation at their center.

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

24. The extended tenure of the WG was up to 2017. Dr. Kamran Emami, Chair of the WG presented the report. VP Honoraire Laszlo G. Hayde reported that more than 10 NCs have expressed their interest in participating in a renewed WG. PCTA recommends that the new WG be conditionally approved pending receiving willingness from at least 10 NCs to participate.

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

25. PH Prof. Dr. Bart Schultz, Chair of the EB presented the report of the Journal. He informed that the impact factor of I&D Journal continues to increase. PCTA was informed that two sponsored Special Issues are nearly ready to be published, either in 2017 or early 2018 and six additional Special Issues are in planning process.

26. PCTA noted that 2018 is the last year of the current contract with M/s Wiley and a draft new agreement has been received from Wiley. PCTA recommends that the new contract with Wiley may be renewed for 7 years as it includes a 1% annual increase in the cost of the journal against a 3% annual increase, if the agreement duration is limited to 5 years, with all other conditions remaining similar.

PCTA Minutes Item 8.4: Committee on Public Relations and Publications (C-PR&P)

27. VPH Mr. Larry D. Stephens, Chair of the Committee presented the report. The Committee believes that the mandate of the Committee has been concluded as ICID no longer sells many publications and that the ICID web page is now quite successful. PCTA recommended that the Committee may be closed with immediate effect.

PCTA Minutes Item 8.5: Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD)

28. The Chair of the TF, Vice President Dr. Ding Kunlun, presented the report. Secretary General clarified the scope of the TF-MTD by referring to the Concept Note that was presented before the 67th IEC at the time of its approval (Refer Agenda of 67th IEC, Pages 89). It was clarified that the mandate of the TF-MTD was:

- (a) To **identify** priority chapters and terms frequently referred/ consulted by AWM professionals
- (b) To **consult**/invite professional organizations to collaborate in enriching chapters/terms
- (c) To **identify** experts/work bodies to review terms/chapters
- (d) To **encourage NCs** in preparation and building of additional translations along with English/French
- (e) To **identify** interesting pictures/diagrams suitable to illustrate various terms, where required, and
- (f) To **make** it accessible on web/ mobile

29. The Committee was informed that FAO technical dictionary AGROVAC did not include technical definitions of AWM terms, rather than the general definitions of some of the terms. Therefore, ICID is best placed to undertake further work on updating the MTD duly consulting experts from other international organizations. SG urged the TF to first of all take a decision on the priority chapters that fall within the expert purview of ICID. This will also help in clarifying which of the WGs should be taking active part in the revision process. It was suggested that a web-meeting of the TF be arranged at the earliest.

PCTA Minutes Item 8.6: Task Force on Value Engineering (TF-VE)

30. Dr. Kamran Emami, Chair of the TF reviewed strategies for Vision 2030. He presented a closure report and Scoping Document with the revised mandate for a new Working Group on Value Engineering. PCTA advised CO to circulate the SD to all the NCs to seek their interest. Dr. Emami pointed out that this topic has the potential to attract the Young Professionals. The decision for the establishment of the WG will be taken during the 69th IEC after review of the interest received from the NCs.

PCTA Minutes Item 8.7: Task Force to Guide ICID Inputs to World Water Forum 8 (TF-WWF8)

31. PH Dr. Chandra Madramootoo, Chair of the TF presented the report on Inputs to WWF 8. The ICID suggestions have been sent to the WWC, but no response has been received. The TF will plan on developing a three-hour program on water for food. Additional reports will be offered. Reports from Mexico, Central America and South America will also be offered.

PCTA Minutes Item 8.8: Synthesis report of Co-Theme Leaders of ST Knowledge [VP Dr. Abdelhafid Debbarh (Morocco) & VP Waseem Nazir (Pakistan)]

32. No synthesis report of workbodies under ST-Knowledge was presented.

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 Use of Poor Quality Water for Irrigation (WG-PQW)**

33. VPH Dr. Ragab Ragab, presented a Scoping Document for a proposed new WG, to be named Use of *Non-Conventional Water Resources for Irrigation*. PCTA recommends that the Scoping Document be sent to the NCs seeking interest in joining the new WG.

PCTA Minutes Item 9.2: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)

34. Dr. A.K. Randev, Chair of the WG presented the report and informed that the WG reviewed its mandate in light of the Road Map. The WG has posted a questionnaire on the ICID website, seeking information on drip and sprinkler irrigation. The WG organized an internal workshop on *Sustainable On-farm Irrigation Systems for Higher Crops' Productivity*. PCTA noted that the 9th International Micro Irrigation Conference will be held during January 2019 at Aurangabad, India and that as per its mandated the WG will be technically guiding the Conference.

PCTA Minutes Item 9.3: Working Group on Water and Crops (WG-CROP)

35. VPH Dr. Ragab Ragab, Chair of the WG presented the report. The WG developed strategies for Vision 2030. The WG plans a seminar on *Improving the Water Use Efficiency within the Water-Energy-Food-Nexus* for the 69th IEC Meeting in Canada.

PCTA Minutes Item 9.4: Synthesis report of Co-Theme Leaders of ST On-Farm [VP Bong Hoon Lee (Korea) & VP Madhav Belbase (Nepal)]

36. VP Bong Hoon Lee made the report for Theme On-Farm.

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)

37. Ms. Mary Jean M. Gabriel, Chair of the WG presented the report. The WG reviewed and discussed Strategies for Vision 2030. It was noted that the WG has allocated various activities identified under the Action Plan to its members.

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

38. VPH Dr. Hafied A. Gany, Chair of the WG presented the report. PCTA noted that The International Symposium on *Global review of institutional reform in irrigation sector for sustainable agriculture water management, including WUA*, was successfully conducted on 8 October 2017, with about 150 attendees. The Symposium featured two keynote speakers from the World Bank, presentation of 09 Country Papers and in-depth discussions on three key topics: Legal Framework, Participatory Irrigation Management and Public Private Partnership. PCTA was informed that the Proceedings of the Symposium will be published in soft copy and perhaps in the *ICID Journal*.

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

39. VP Ian Makin, Chair of the WG presented the report and informed that the WG developed strategies for future work as part of the Road Map. The WG continues to develop a definition of the word modernization. The WG is considering to organize a workshop in Bali during the 70th IEC Meeting and WIF3.

PCTA Minutes Item 10.4: Working Group on Sustainable Drainage Management (WG-SDRG)

40. Mr. Bernard Vincent, Chair of the WG presented the report and informed that the WG is compiling international experiences in bio-drainage and bio-saline agricultural. The WG hopes to organize a workshop during 69th IEC in Canada on dry drainage and bioreactors or green infrastructures. He noted that the 13th International Drainage Workshop was held successfully in Ahwaz, Iran during March 2017. PCTA advised CO to send a call for organizing the 14th International Drainage Workshop from 2021 onwards.

PCTA Minutes Item 10.5: Working Group on Water Saving in Irrigated Areas (WG-WATS)

41. Mr. Mehrzad Ehsani, and the chair of the WG presented the report and informed that the WG was fully involved in Congress Question 60.1 and the Chair of WG was the Panel Experts for Mexico, since that topic dealt with was water savings. PCTA noted that the WG is developing a template to collect data on Water Charging Policies from the NCs.

PCTA Minutes Item 10.6: Synthesis Report by Co-Theme Leaders on ST Schemes [VP Dr. Ding Kunlun (China), VP Ian William Makin (UK) & VP Irene Bondarik (Russia)]

42. VP Ian Makin presented the synthesis report on the activities of the ST-Scheme and noted that some topics are being addressed by multiple WGs. So, the WGs should work jointly to avoid duplication of efforts. One suggestion was to combine WG meetings, and to make more use of virtual meetings for WG activities.

PCTA Minutes Item 11: Newly Proposed Workbodies

43. The Committee noted that the process of establishing a new WG addressing issues related to floods WG-IFM by developing a Scoping Document is in process. PCTA recommends that the WG can be approved if at least 10 NCs support its activities by way of sponsoring its experts to participate in the WG. PCTA requested SG to circulate the SD to all the NCs.

PCTA Minutes Item 12: Report on the outcome of 23rd ICID Congress

44. PCTA noted the report on the outcome of the 23rd Congress presented by Ms. Patricia Herrera Ascencio, representative of MXCID are given in **Annex 6, page 53** to the 68th IEC minutes. PCTA noted that during the presentation of the outcomes of the Congress at the Wrap-up Session, the members had objected to the statement "Low Irrigation efficiency not bad" under Q 61 recommendations. However, there was no conclusive discussion on the subject.

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

45. PH Dr. Gao Zhanyi, Chair of the Sub-Committee presented the report of the meeting of the SC-E-THEMES and the Committee recommended that the Theme of WIF4 and the Questions for the 25th Congress should be considered during the upcoming year and finalized by the 69th IEC. The Theme and Topics for 4th World Irrigation Forum in 2022 will also be selected during the 69th IEC Meeting.

46. PCTA endorsed the recommendation of the Sub-Committee that the technical outputs of Congress questions should be improved and monitored continually. Measures should be taken to increase the quality of papers with the focus to answer the designated questions, while encouraging the NCs and Work bodies to organize and recommend authors to write and submit papers.

PCTA Minutes Item 14: Technical Support Program in ICID

47. SG presented a comprehensive Scheme of the Technical Support Program. The Committee was informed that in order to provide support to NCs in fulfilling their national mandates, ICID had initiated various activities for which a Technical Support Unit (TSU) was established (Resolution IEC-3/66, Para 7) at ICID Central Office. Vide resolution IEC-2/67, the NCs were again requested to take full advantage of the establishment of the TSU and a TSU Core Group was established under the chairmanship of President Dr. Saeed Nairizi. The Core Group held its first meeting on 14 June 2017 that took the decisions regarding (i) Nomination of Experts to TSU, (ii) Contribution to Capacity Development Fund and (iii) Honorarium for experts from NCs and (iv) NCs' request for getting support of TSU. Based on the deliberations at the TSU Core Group meeting, various activities under capacity development have been suggested to be combined under a Technical Support Program (TSP). PCTA recommended that the Scheme that describes TSP as presented be approved by the Council.

48. The meeting was adjourned at 18:40 hours, with a vote of thanks to the Chair.



