

**AGENDA FOR THE 39<sup>TH</sup> MEETING OF THE  
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)**

06 September 2019, 09.00-18.15 hours  
Bali, Indonesia

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

**Members:** (1) Vice President Hon. Dr. Ding Kunlun, Chairman (China, 2015); (2) President Hon. Mr. Peter S. Lee (UK, 2013); (3) Ms. Aysen Pervin Güngör (Turkey, 2014); (4) Vice President Hon. Mr. Chaiwat Prechawit (Thailand, 2014); (5) Vice President Hon. Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (6) Mr. Ali Reza Salamat (Iran, 2015); (7) Prof. Michele Perniola (Italy, 2018); (8) Dr. Tsugihiko Watanabe (Japan, 2018); (9) VP Dr. Brian T. Wahlin (USA, 2018) and (10) Er. Ashwin B. Pandya, Secretary General, ICID

**Permanent Observers:** (i) World Bank Representative; (ii) FAO Representative; and (iii) IWMI Representative.

**Ex-Officio Members:** All Strategy Theme Leaders and Chairpersons of all workbodies under PCTA.

**PCTA Agenda Item 1: Presentation/Lecture by an Expert**

1. The Commonwealth Scientific and Industrial Research Organization (CSIRO), Australia, with broad technical input from ICID, have developed a software tool 'Basin Futures', which is a web application that is an entry level modelling tool that aims to support rapid and exploratory basin planning globally. As a cloud-based tool, it brings together high-performance computing and large-scale global data sets to make data analysis accessible and efficient. Basin Futures can be used to explore and plan water-related development and climate scenarios to help in decision making process. ICID and CSIRO have an MOU for furthering scientific cooperation and jointly promote scientific tools such as Basin Futures among different stakeholders.

2. Mr. Amit Parashar, CSIRO, Australia will make a brief presentation on Basin Futures during the meeting.

**PCTA Agenda Item 2: ATR on the minutes of the 38<sup>th</sup> Meeting of PCTA**

3. An Action Taken Report (ATR) on the minutes of the 38<sup>th</sup> PCTA meeting at Saskatoon in 2018 is given at Annex.

**PCTA Agenda Item 3: Membership of the PCTA and Workbodies**

4. As per ICID By-laws 3.8.1(c), PH Peter S. Lee (UK) shall be completing his tenure of six years as member of PCTA at Bali meeting (2019). The Irrigation and Water Forum/British National Committee of the International Commission on Irrigation and Drainage (IWF/ICID.UK) has been requested to nominate a suitable replacement in his place on completion of his term of membership.

5. PCTA will review its membership and also consider the proposals from the Chairpersons of various workbodies associated with it for making recommendations on the changes in the membership of various working groups to IEC in accordance with the relevant ICID By-laws governing the membership of ICID workbodies/permanent committees.

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

6. Last year, the Committee examined the activities identified in the Action Plan 2017-21, appended to the 'Road Map to ICID Vision 2030' ([http://www.icid.org/icid\\_vision2030.pdf](http://www.icid.org/icid_vision2030.pdf)) which are committed to be achieved over a period of five years. The Action Plan, which is designed to be living and dynamic and rolling in nature and includes activities for converting vision to action, may be monitored annually and reviewed triennially, as envisaged in 'Road Map to ICID Vision 2030'.

7. As the workbodies play a pivotal role in converting the vision into action, by focussing their activities towards measurable outputs which could form part of the products that could be disseminated to the NCs which might be useful to the NCs in achieving the goals set as part of their national mandates. Accordingly, the Action Plan 2018-

2022 will be scrutinized through the existing monitoring mechanism, based on the progress achieved by the workbodies reporting to the Committee under four Strategy Themes, and suggest appropriate ways and means to achieve them.

8. Efforts are being made to ensure that ICID is an efficient, effective and sustainable organization, in order to achieve its vision and mission and for that, as decided ICID should address policy issues, challenge itself and promote out-of-the-box thinking such as curtailing the presentation of papers within one day, addressing one question per Congress and organizing joint meetings of the WGs under each of the four strategy themes. Following the decision of 68<sup>th</sup> IEC meeting vide its Resolution IEC-2/68, SC-E-THEMES has been mandated to (i) work out the structure of the meetings, related to IEC, particularly the WGs at the ICID annual meetings to make them more effective and (ii) 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. As per the recommendation of SC-E-THEMES, a joint session of the workbodies under ST-ON-FARM was held in Saskatoon in August 2018, followed by a virtual meeting in May 2019. A joint session of the workbodies under ST-ON-FARM is scheduled in Bali, Indonesia. The Chair of the Sub-Committee, will present the report of the Sub-Committee on these mandated activities to PCTA and their workability.

9. PCTA may review the Action Plan 2018-22 based on the progress achieved by WGs reporting to the Committee and suggest appropriate ways and means to achieve them.

### **PCTA Agenda Item 5: International Research Program for Irrigation and Drainage (IRPID) Scheme**

10. The National Committees have been requested to establish Regional Nodes within the framework of the Revised IRPID Scheme ([https://www.icid.org/irpid\\_scheme.pdf](https://www.icid.org/irpid_scheme.pdf)) adopted at the 67<sup>th</sup> IEC meeting (2016) vide Resolution IEC-3/67 and notified vide Notification No.06 of 2017 dated 23 February 2017.

11. The Chair of the Advisory Committee for IPRID (AC-IRPID), VPH Dr. Ding Kunlun, who is also the Chair of PCTA, will present the report of AC-IRPID at PCTA for its consideration.

### **PCTA Agenda Item 6: Independent Service Unit (ISU) –relevance to ICID Mission**

12. Vide Resolution IEC-1/69, the 69<sup>th</sup> IEC meeting has granted an ‘in principle’ approval to the recommendation of Special Task Force on Independent Service Unit (STF-ISU), for the development of a detailed project proposal and obtain necessary statutory approvals, with endorsement from the Management Board (MB) in consultation with NCs for the potential launch of Independent Service Unit (ISU) as part of 70<sup>th</sup> ICID Celebrations of ICID at Bali, Indonesia in September 2019.

13. Accordingly, the Detailed Project Report (DPR) for the techno-economic feasibility of the establishment of ISU has been prepared and subsequently approved by STF-ISU, including the statutory modalities for the launch of ISU at Bali during ICID’s 2019 annual events.

14. Secretary General Er. Ashwin Pandya will apprise the Committee about the salient features of ISU and its relevance to ICID mission.

15. The Committee may consider the technical aspects of ISU and provide its inputs for its successful functioning, while meeting the needs of ICID stakeholders.

**SUPP: 15A.** In view of the views and suggestions received from Members of the STF-ISU on detailed proposal for establishment of ISU, approach for establishment of ISU was reviewed and renewed consultations were made with the financial advisors and other experts in order to explore the modular approach for establishment of ISU. Experts suggested phasing out of the service provision by making use of revised provision under Income Tax Act where ICID can generate incidental additional income by providing its fee based services up to the extent of 20% of its total receipts. Based on the discussions with the experts, following two phases for providing services by ICID were suggested and discussed in the meeting of STF-ISU in August 2019:

- (i) **Phase I:** Start ISU as a Service Unit (SU) of ICID and provide services for generating incidental income up to the extent of 20% of total receipts of ICID. Note on proposal for Phase I can be accessed through link <https://www.icid.org/ISU-1.pdf>
- (ii) **Phase II:** Once SU reaches a turnover of 20% of ICID receipts (likely period of this phase is 3-4 years), incorporate ISU as a separate legal entity under Indian Companies Act as suggested in the DPR, if considered necessary.

**PCTA Agenda Item 7: Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)**

16. The Chairpersons of the WGs, TFs and Co-Theme Leaders of Strategy Themes will brief the Committee on the activities of their respective workbodies and present their recommendations for review and consideration by Committee. In the absence of the Chair, the member chairing the WG meeting may present the report.

**PCTA Agenda Item 7.1: Working Group on Adaptive Flood Management (WG-AFM)**

17. The Chair of the WG will present the report of the meeting of the WG-AFM.

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

18. Dr. Tsugihiko Watanabe, Chair will present the report of the meeting of the WG-CLIMATE.

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

19. VPH Dr. (Ms.) Charlotte de Fraiture, Chair of the WG will present the report of the meeting of the WG-ENV.

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

20. The Chair/Representative will present the report of the meeting of WG-IDSST.

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

21. VPH Franklin E. Dimick, Chair of the WG will present the report of the meeting of the WG-MWSCD.

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

22. Dr. Ruey-Chy Kao, Chair of the WG will present the report of the first meeting of the WG-SDTA.

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

23. Chair/Secretary General will present the report of the meeting of the TT-TWM-AWM.

**PCTA Agenda Item 7.8: Synthesis Report by Co-Theme Leaders of ST Basin**

24. VP Er. Naoki Hayashida (Japan) and VP Dr. Kamran Emami (Iran), the Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan 2018-2022.

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

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

25. VPH Prof. Dr. Abdelhafid Debbarh, Chair of the WG will present the report of the meeting of the WG-CDTE.

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

26. VP Dr. Kamran Emami, Chair of the WG will present the report of the first meeting of WG.

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

27. PH Prof. Dr. Bart Schultz, Chair of the EB will present the report of the meeting of the Editorial Board.

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

28. The Chair of the TF will present the report of the meeting of the TF-MTD.

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

29. PH Dr. Saeed Nairizi, Chair of the TF will present the report of the meeting of the TF-WWF9.

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

30. The Chair of the WG will present the report of the meeting of the WG-VE.

**PCTA Agenda Item 8.7: Synthesis report of Co-Theme Leaders of ST Knowledge**

31. VP Waseem Nazir (Pakistan) and VP Dr. Brian T. Wahlin (USA), the Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan 2018-2022.

**PCTA Agenda Item 9: Review reports of the activities of Workbodies under the Strategy Theme – On-Farm (ST-OF)**

**PCSO Agenda Item 9.1: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)**

32. Dr. A.K. Randev, Chair of the WG will present the report of the meeting of the WG-SON-FARM.

**PCSO Agenda Item 9.2: Working Group on Water and Crops (WG-WATER & CROP)**

33. VPH Dr. Ragab Ragab, Chair of the WG will present the report of the meeting of the WG-WATER & CROP.

**PCSO Agenda Item 9.3: Working Group on Use of Non-Conventional Water Resources for Irrigation (WG-NCWRI)**

34. Dr. (Ms.) Anna Tedeschi, Chair of the WG will present the report of the meeting of the WG-NCWRI.

**PCSO Agenda Item 9.4: Synthesis report of Co-Theme Leaders of ST On-Farm**

35. VP Madhav Belbase (Nepal) and VP Dr. K. Yella Reddy (India), the Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan 2018-2022.

**PCTA Agenda Item 10: Review of reports of the activities of Workbodies under the Strategy Theme – Schemes (ST-S)**

**PCTA Agenda Item 10.1: Working Group on Irrigation, Development and Management (WG-IDM)**

36. Ms. Mary Jean M. Gabriel, Chair of the WG will present the report of the meeting of the WG-IDM.

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

37. VPH Dr. Hafied A. Gany, Chair of the WG will present the report of the meeting of the WG-IOA.

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

38. VPH Ian Makin, Chair of the WG will present the report of the meeting of the WG-M&R.

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

39. Mr. Geoff Harvey, Chair of the WG will present the report of the meeting of the WG-RWH.

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

40. Mr. Bernard Vincent, Chair of the WG will present the report of the meeting of the WG-SDRG.

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

41. Mr. Mehrzad Ehsani, Chair of the WG will present the report of the meeting of the WG-WATS.

**PCTA Agenda Item 10.7: Synthesis Report by Co-Theme Leaders on ST Schemes**

42. VP Dr. Irene Bondarik (Russia), VP Dr. Marco Arcieri (Italy) and VP Ahmed EL BOUARI (Morocco), the Co-theme Leaders may present their report, while taking stock of the progress of WGs in achieving the activities identified under the Action Plan 2018-2022.

**PCTA Agenda Item 11: Newly Proposed Workbodies**

43. For the establishment of a new workbody on a specific mandate or extension of an existing workbody on completion of its tenure, as part of the improvement in the functioning of ICID workbodies (*Annex R2.2 of Resolution IEC-2/63*) approved by 63<sup>rd</sup> IEC meeting at Adelaide, Australia in June 2012, a Scoping Document (SD) needs to be submitted by a workbody proposing to be established or seeking to be extended, giving its objectives, state of knowledge on the topic, work plan etc. which in turn helps in ascertaining the interest of the NCs and assists the PCTA to make appropriate recommendation to avoid any overlaps or gaps vis-à-vis workbodies already in action.

44. During the discussion in 36<sup>th</sup> PCTA meeting in Chiang Mai, Thailand in 2016, the issue of lack of interest in certain WGs was expressed. It was therefore recommended that unless interest is expressed by at least 10 NCs in supporting the WG, it could at best be established as a Task Team for keeping the interest in the topic live. These TTs should essentially work towards a well-defined objective and predominantly through Web based tools. As the implementation of the Road Map needs partnership, it is important that the WG should actively seek potential collaboration with international partners and take those activities into account while drawing up their plan.

45. The 68<sup>th</sup> Council meeting held at Mexico City, Mexico in 2017 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. For that, the SDs of the proposed new WGs are required to be circulated among all NCs for gauging their interest and support.

46. Any proposal for the establishment of new workbodies or extension of existing workbodies will be put up to the Committee, if SDs in this regard have been received in the Central Office in time.

**PCTA Agenda Item 12: Report on the outcome of WIF3**

47. INACID Representative will present a report on the outcome of 3<sup>rd</sup> World Irrigation Forum (WIF3).

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

48. PH Dr. Gao Zhanyi, Chair of the Sub-Committee will present the report of the meeting of the SC-E-THEMES.

**PCTA Agenda Item 14: Any other business**





**ACTION TAKEN REPORT ON THE 38<sup>th</sup> MEETING OF PCTA**  
16 August 2018, Saskatoon, Saskatchewan, Canada

Item	Recommendation	Decision of 69 <sup>th</sup> IEC	Action Taken
<b>4. Road Map to ICID Vision 2030: Review of the Action Plan 2017-2021</b>			
	Recommended that the existing mechanism to monitor the Action Plan 2017-21, under which the WGs have been requested to monitor the progress of activities and report it to their respective Permanent Committees. The strategy theme leaders will also take stock of the progress of the activities to be undertaken by the WGs under four strategy themes and present it in their synthesis reports and later to the Council meeting.	Endorsed (Para 47 of 69 <sup>th</sup> IEC Minutes).	Strategy Theme Leaders and WG Chairs have been requested to provide report on progress of activities under Road Map.
<b>5. International Program for Irrigation and Drainage (IRPID) Scheme</b>			
	Recommended that the establishment of three Regional Nodes in Africa, Mediterranean and Central Asian & Caucasus Regions be accepted.	Approved in principle vide Resolution IEC-2/69.	The Council's decision has been communicated to the NCs of Egypt for Africa Region, Italy for Mediterranean Region and Tajikistan for Central Asian and Caucasus Region.
<b>6. Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)</b>			
	Recommended that the WG-BIO-FUEL be merged with WG-WATER & CROP.	Approved vide Resolution IEC-2/69.	Notified the merger among the NCs, vide Notification No.21 of 2018 dated 10 December 2018.
	Recommended that the WG on Adaptive Flood Management (WG-AFM) be set up based on the proposed mandate.	Approved vide Resolution IEC-2/69.	Notified the setting up of the WG-AFM among the NCs, vide Notification No.01 of 2019 dated 08 February 2019.
<b>7. Review of reports of the activities of Workbodies under the Strategy Theme – Knowledge (ST.K)</b>			
	Recommended that the revised and renamed scheme of World Heritage Irrigation Structures (WHIS) be approved.	Approved vide Resolution IEC-2/69.	Notified the revised and renamed WHIS Scheme vide Notification No.16 of 2018 dated 30 November 2018.
	Recommended to investigate the need for the establishment of the WG on Value Engineering (WG-VE) subject to completion of out of TF-VE and resubmission of revised Scoping Document for getting support of at least 10 NCs to nominate experts for membership of the WG.	Approved in principle vide Resolution IEC-2/69.	The Chair has been requested to submit the revised SD along with report of completion of mandate of the TF-VE.
<b>10. Newly proposed Workbodies</b>			
	Recommended the establishment of (i) WG on Non-Conventional Water Resources for Irrigation (WG-NCWRI); (ii) TF to Guide ICID Inputs to 9 <sup>th</sup> World Water Forum (TF-WWF9) and (iii) WG on Rain Water Harvesting (WG-RWH).	Approved vide Resolution IEC-2/69.	Notified the establishment of these WBs.

Item	Recommendation	Decision of 69 <sup>th</sup> IEC	Action Taken
<b>11. Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)</b>			
	Recommended for approval of the Sub-Committee's recommendations (i) to work out the structure of meetings related to IEC and draw guidelines to make the WG meetings/sessions technically richer and beneficial to the stakeholders and industries by ways of combining the meetings of WGs with areas of common interest and (ii) the topics for Theme and Sub-Themes for 4 <sup>th</sup> World Irrigation and Forum in 2022 and Questions for 25 <sup>th</sup> ICID Congress (2023).	Approved vide Resolution IEC-2/69.	As the venues for WIF4 and 25 <sup>th</sup> Congress are yet to be finalized, the decision has been kept in abeyance.
<b>12. Any other business</b>			
	Recommended for the in-principle approval of the TT on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM), based on the SD submitted.	Approved vide Resolution IEC-2/69.	SD circulated and the establishment of TT was notified vide Notification No.20 of 2018 dated 10 December 2018.

