

**AGENDA FOR THE 38TH MEETING OF THE
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)**

16 August 2018, 09.00-17.00 hours
Saskatoon, Saskatchewan, Canada

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) Prof. Graziano Ghinassi (Italy, 2012); (3) Prof. Masayoshi Satoh (Japan, 2012); (4) President Hon. Mr. Peter S. Lee (UK, 2013); (5) Ms. Aysen Pervin Güngör (Turkey, 2014); (6) Vice President Hon. Mr. Chaiwat Prechawit (Thailand, 2014); (7) Vice President Hon. Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (8) Mr. Ali Reza Salamat (Iran, 2015) and (9) 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: Water Scarcity Challenges in the Agriculture Sector: Lecture by Mr. Ruhiza Boroto (FAO)

1. Agriculture, a major consumer of water for food production, will be significantly impacted by water scarcity which is one of the leading challenges of the twenty-first century and is expected to intensify as a result of climate change. Recognizing the intricate links between climate change, water scarcity, sustainable agriculture and food security – and the importance of addressing these holistically, FAO in partnership with other partners, including ICID, launched the initiative Global Framework on Water Scarcity in Agriculture (WASAG). The global framework has the potential to benefit farmers and rural communities to adapt and be more resilient to increasing water scarcity. The framework will assist countries in identifying and streamlining policies, governance and practices with a view to adapt to less water availability, sustainably improve agricultural productivity and food security.

2. In order to share knowledge and vast experience of FAO on the topic, Mr. Ruhiza Boroto, Senior Water Resources Officer at the FAO headquarters and also the Secretary for WASAG has been requested to deliver a talk on the "Water Scarcity Challenges in the Agriculture Sector" for the benefit of PCTA members, followed by interactions.

PCTA Agenda Item 2: ATR on the minutes of the 37th Meeting of PCTA

3. An Action Taken Report (ATR) on the minutes of the 37th PCTA meeting at Mexico City is given at **Annex**.

PCTA Agenda Item 3: Membership of the PCTA and Workbodies

4. As per ICID By-laws 3.8.1(c), Prof. Graziano Ghinassi (Italy) and Prof. Masayoshi Satoh (Japan) shall be completing their tenure of six years as member of PCTA at Saskatoon meeting (2018). The Italian National Committee has nominated Prof. Michele Perniola in place of Prof. Ghinassi, as his term of office is coming to an end at Saskatoon. The Japanese National Committee has nominated Prof. Dr. Tsugihiko Watanabe as their nominee in PCTA in place of Dr. Satoh. The US National Committee has nominated Dr. Brian T. Wahlin, Vice President, ICID as a member of PCTA. The respective National Committees have communicated the consents of their nominees to serve PCTA as its members. The Committee may consider their membership and recommend appropriately.

5. PCTA will review its membership and also consider the proposals from the Chairpersons of various workbodies associated with it for making recommendations to IEC on the changes in the membership of various working groups 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. 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) are committed to be achieved over a period of five years. These activities were identified by the various RWGs, WGs, NCs and Central Office under various strategies of ICID's six organizational goals so as to put the Vision to Action over a five-year period, which is reviewed and monitored annually during the Council meetings.

7. The actions in implementing the elements of 'way forward', suggested in the Chapter 5 of the Road Map such as (i) Broad-basing NCs, (ii) Enhancing regional cooperation, (iii) Facilitating technical support to NCs, (iv) Training and capacity development, (v) Serve as knowledge hub in AWM, (vi) Knowledge exchange and collation by WGs, (vii) Extensive use of ICT, (viii) Online services, (ix) Well-organized ICID events, (x) Efficient functioning of WGs, (xi) Encouraging participation of YPs, (xii) Awarding excellence and (xiii) Strengthening international collaboration and partnerships have been initiated under different action points, however, the need to enhance the visibility of NCs remains a challenge.

8. The Working Groups 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. The Action Plan 2017-21 will be monitored through the existing mechanisms under PCTA, 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 of PCTA and present it in their synthesis reports and later to the Council meeting.

9. VP Waseem Nazir at Mexico City meeting of PCTA (2017), 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 and for that, 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.

10. Following the decision of 68th 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. SC-E-THEMES has so far held two virtual meetings on the mandated activities and the Chair of the Sub-Committee, will present the report of the Sub-Committee on these mandated activities to PCTA.

11. PCTA may review the Action Plan 2017-21 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

12. The Central Office has requested the National Committees to establish Regional Nodes within the framework of the Revised IRPID Scheme (http://www.icid.org/irpid_scheme.pdf) adopted at the 67th IEC meeting (2016) vide Resolution IEC-3/67 and notified vide Notification No.16 of 2016 Dt. 27/04/2016.

13. 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: Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)

14. 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 6.1: Working Group on Water for Bio-Fuel and Food (WG-BIO-FUEL)

15. Dr. Fuqiang Tian, Chair of the WG will present the report of the meeting of the WG.

PCTA Agenda Item 6.2: Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)

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

PCTA Agenda Item 6.3: Working Group on Environment (WG-ENV)

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

PCTA Agenda Item 6.4: Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD)

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

PCTA Agenda Item 6.5: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

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

PCTA Agenda Item 6.6: Synthesis Report by Co-Theme Leaders of ST Basin

20. VP Dr. Charlotte de Fraiture (The Netherlands) and VP Er. Naoki Hayashida (Japan), 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 2017-2021.

PCTA Agenda Item 7: Review of reports of the activities of Workbodies under the Strategy Theme – Knowledge (ST.K)

PCTA Agenda Item 7.1: Working Group on Capacity Development, Training and Education (WG-CDTE)

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

PCTA Agenda Item 7.2: Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

22. Dr. Kamran Emami, Chair of the WG will present the report of the first meeting of WG. The Chair will also present the revised WHIS Scheme to the Committee for its consideration.

PCTA Agenda Item 7.3: ICID Journal Editorial Board (EB-JOUR)

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

PCTA Agenda Item 7.4: Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD)

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

PCTA Agenda Item 7.5: Task Force to Guide ICID Inputs to World Water Forum 8 (TF-WWF8)

25. PH Dr. Chandra Madramootoo, Chair of the TF will present the report of the meeting of the TF-WWF8.

PCTA Agenda Item 7.6: Synthesis report of Co-Theme Leaders of ST Knowledge

26. VP Dr. Abdelhafid Debbarh (Morocco) and VP Waseem Nazir (Pakistan), 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 2017-2021.

PCTA Agenda Item 8: Review reports of the activities of Workbodies under the Strategy Theme – On-Farm (ST.OF)

PCTA Agenda Item 8.1: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)

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

PCTA Agenda Item 8.2: Working Group on Water and Crops (WG-WATER & CROP)

28. VPH Dr. Ragab Ragab, Chair of the WG will present the report of the meeting of the WG-CROP.

PCTA Agenda Item 8.3: Synthesis report of Co-Theme Leaders of ST On-Farm

29. VP Madhav Belbase (Nepal) and 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 2017-2021.

PCTA Agenda Item 9: Review of reports of the activities of Workbodies under the Strategy Theme – Schemes (ST.S)

PCTA Agenda Item 9.1: Working Group on Irrigation, Development and Management (WG-IDM)

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

PCTA Agenda Item 9.2: Working Group on Institutional Aspects of Irrigation / Drainage System (WG-IOA)

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

PCTA Agenda Item 9.3: Working Group on Modernization & Revitalization of Irrigation Schemes (WG- M&R)

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

PCTA Agenda Item 9.4: Working Group on Sustainable Drainage Management (WG-SDRG)

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

PCTA Agenda Item 9.5: Working Group on Water Saving in Irrigated Areas (WG-WATS)

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

PCTA Agenda Item 9.6: Synthesis Report by Co-Theme Leaders on ST-Schemes

35. VP Ian William Makin (UK), VP Irene Bondarik (Russia) 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 2017-2021.

PCTA Agenda Item 10: Newly Proposed Workbodies

36. A mechanism has been put in place in order to streamline the process of 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 as approved by 63rd IEC meeting held in Adelaide in June 2012 (*Annex R2.2 of Resolution IEC-2/63*). Under this mechanism, a Scoping Document needs to be submitted by a workbody proposing to be established or seeking extension, 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 PCTA to make appropriate recommendation to avoid any overlaps or gaps vis-à-vis workbodies already in action. For establishing any WG, which requires participation of experts from NCs, should have agreement for participation from at least 10 NCs when the Scoping Document is circulated, before the WG is being established, as has been endorsed by the Council at its 68th meeting in Mexico City on 14 October 2017.

37. The term of Task Force on Value Engineering (TF-VE) came to an end in 2016. During the Chiang Mai meeting in 2016 and Mexico meeting in 2017, the Committee considered the recommendation of TF-VE to establish a new WG. The WG members, acting as Core Group, developed a scoping document with a new mandate for the establishment of a new 'WG on Value Engineering (WG-VE). Dr. Kamran Emami, Chair of the Core Group, will present the Scoping Document with the mandate and interest of at least 10 NCs, for Committee's consideration and recommendation.

38. At Mexico City meetings (2017) of ICID, Dr. Anna Tedeschi (Italy) has been nominated as Chair of the WG on Poor Quality for Water for Irrigation (WG-PQW). The WG presented the Scoping Document with a new mandate and renamed WG as 'WG on Non-Conventional Water Resources for Irrigation (WG-NCWR)' at the PCTA meeting in Mexico City, which was approved in principle by PCTA for circulation among the NCs for ascertaining their interest in the proposed new WG. Dr. Anna Tedeschi, Chair of the Core Group, will present the

Scoping Document with the mandate and interest of at least 10 NCs, for Committee's consideration and recommendation.

39. At Mexico meeting of PCTA (2017), the Committee recommended that a new WG on Adaptive Flood Management (WG-AFM) can be approved subject to interest of at least 10 NCs to participate in the activities of the new WG. Dr. Kamran Emami, Chair of the Core Group, will present the Scoping Document with the mandate and interest of NCs, for Committee's consideration and recommendation.

PCTA Agenda Item 11: Report of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES)

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

PCTA Agenda Item 12: Any other business

41. The Management Board (MB) at its second virtual meeting (2/18) held on 05 July 2018, approved the setting up of Task Team on Rain Water Harvesting (TT-RWH) based on the proposal submitted by the Australian National Committee of ICID (IACID), with the following mandate and composition, considering the fact that there is at present no workbody in ICID which deals with RWH, which has been part of ICID Vision 2030.

Mandate:

- (a) Promote rainwater harvesting as a natural, local, efficient source of water in accordance with the Key Principles of Rainwater Harvesting.
- (b) Provide research and advice from a range of disciplines to inform rainwater harvesting, irrigation and agricultural practices including water management, land use planning, policy environments, stormwater management and manufacturing.
- (c) Provide Rainwater Harvesting Codes of Practice suitable for urban and agricultural use.

Composition:

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| i. | Mr. Geoff Harvey (Australia) | - | Chairman |
| ii. | Mr. Michael Smit (Australia) | - | Member |
| iii. | Ms. Kathleen Heuvel – Young Professional (Australia) | - | Member |
| iv. | Dr. A.K. Randev, Chairman, Working Group on Sustainable On-farm Irrigation System Development (India) | - | Member |
| v. | VPH Dr. R. Ragab, Chairman, Working Group on Water and Crops (UK) | - | Member |
| vi. | Ms. Mary Jean Gabriel, Chair, Working Group on Irrigation Development and Management (South Africa) | - | Member |
| vii. | Mr. Warren Helgason (Canada) | - | Member |
| viii. | Mr. Bashu Dev Lohanee (Nepal) | - | Member |
| ix. | Er. Ashwin B Pandya, Secretary General, ICID | - | Member |

42. Mr. Bryan Ward, Chief Executive Officer, Irrigation Australia Limited, who prepared the concept note will present the report of the meeting of the TT-RWH.



**ACTION TAKEN REPORT ON THE 37th MEETING OF PCTA
13 October 2017, Mexico City, Mexico**

Item	Recommendation	Decision of 68 th IEC	Action Taken
5. Road Map to ICID Vision 2030: Role of Working Groups			
	<p>Recommended that SC-E-THEMES may be tasked with the following additional mandates concerning the structure of ICID annual events:</p> <p>(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,</p> <p>(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.</p>	Accepted vide Resolution IEC-2/68.	Two virtual meetings of the Sub-Committee have been organized to consider the additional tasks mandated to SC-E-THEMES on 30 January 2018 and 10 April 2018 respectively.
7. Review of reports of the activities of Workbodies under the Strategy Theme – Basin (ST.B)			
	Recommended that a new WG on Sustainable Development of Tidal Areas with revised mandate may be provisionally approved subject to at least 10 NCs supporting its activities by way of sponsoring its experts to participate in its activities.	Accepted vide Resolution IEC-2/68.	Notified the establishment of WG on SDTA vide Notification No.1 of 2018 dated 03 January 2018.
8. Review of reports of the activities of Workbodies under the Strategy Theme – Knowledge (ST.K)			
	Recommended that the re-establishment of WG-HIST be conditionally approved pending receiving willingness from at least 10 NCs to participate.	Accepted vide Resolution IEC-2/68.	Notified the establishment of WG on HIST vide Notification No.2 of 2018 dated 03 January 2018.
	Recommended that the new contract for the publication of I&D Journal with M/s. Wiley be renewed for 7 years as it includes a 1% annual increase in the cost of the journal against 3% annual increase, if the agreement duration is limited to 5 years, with all other conditional remaining similar.	Endorsed the recommendation by acceptance of PCTA report.	The new contract has been signed with M/s. Wiley. The new contract will come into force w.e.f. 01 January 2019.
	Recommended that the Committee on Public Relations and Publications (C-PR&P) be closed with immediate effect since ICID no longer sells many publications and the web page is now quite successful.	Accepted vide Resolution IEC-2/68.	Notified the closure of C-PR&P vide Notification No.3 of 2018 dated 05 January 2018.
9. Review reports of the activities of Workbodies under the Strategy Theme – On-Farm (ST.OF)			
	Recommended that the Scoping Document for the new WG with the name "Use of Non-Conventional Water Resources for Irrigation" be sent to the NCs seeking interest in joining the new WG.	Endorsed the recommendation by acceptance of PCTA report.	The Scoping Document has been circulated to ascertain the interest of NCs in the proposed new WG.

Item	Recommendation	Decision of 68 th IEC	Action Taken
11. Newly proposed Workbodies			
	Recommended that a new Working Group on Adaptive Flood Management (WG-AFM) be established, subject to interest from at least 10 NCs.	Endorsed the recommendation by acceptance of PCTA report.	SD circulated among NCs in January 2018 to ascertain their interest in the new WG.
14. Technical Support Program in ICID			
	Recommended that the Technical Support Program (TSP) Scheme as presented be approved by the Council.	Accepted vide Resolution IEC-2/68.	The approved TSP Scheme has been circulated among the NCs on 10 January 2018.

