

Report of the 40th Meeting of the
PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA)
[No Virtual/Physical Meeting held during 71st IEC 2020 (Virtual)
as per the decision of MB-5/20 Meeting]

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) Ms. Aysen Pervin Güngör (Turkey, 2014); (3) Vice President Hon. Mr. Chaiwat Prechawit (Thailand, 2014); (4) Vice President Hon. Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (5) Mr. Ali Reza Salamat (Iran, 2015); (6) Prof. Michele Perniola (Italy, 2018); (7) Dr. Tsugihito Watanabe (Japan, 2018); (8) VP Dr. Brian T. Wahlin (USA, 2018); (9) VPH Mr. Ian William Makin (UK, 2019) 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.

1. VPH Dr. Ding Kunlun, Chair of PCTA presented the report of PCTA, restricting mainly to the membership of workbodies, extension/ closure of existing workbodies, establishment of new workbodies, and any other important issues for workbodies associated with PCTA, since the Committee did not organize its meeting in 2020, as per the decision of the fifth virtual meeting of the Management Board (MB-5/20) held on 17 September 2020. Thus, the report of the Chair, PCTA was based on the summary reports provided to him by the Chairs of the workbodies, which had organized their virtual meetings in October-November 2020.

2. Based on the recommendations of the various workbodies associated with it, PCTA reviewed the membership and recommended for acceptance by IEC. Consequent upon the acceptance by the Council, an updated consolidated membership of all workbodies, including those of PCTA and its workbodies, is given in **Annex 3 (Page 39)** of 71st IEC minutes.

3. The Committee noted that Ms. Aysen Pervin Güngör (Turkey) and VPH Mr. Chaiwat Prechawit (Thailand) will be retiring from PCTA on completion of their tenure, with the conclusion of the 71st virtual meetings of IEC. The Committee placed on record its appreciation of the services rendered by Ms. Aysen Pervin Güngör (Turkey) and VPH Mr. Chaiwat Prechawit (Thailand). Further, the Committee recommended that Mr. Satit Maneepai nominated by the Thailand NC be inducted as a member of the Committee.

4. Based on the summary reports received from the Chairs of the workbodies under PCTA, the Chair of the PCTA, VPH Dr. Ding Kunlun reported the following changes in the Office-Bearers of the WBs and recommended for the Council's acceptance.

- (a) **WG-CDTE:** Elected VPH Dr. Mohamed Wahaba (Egypt), Dr. Vijay K. Labhsetwar (India) and Dr. Rajendra S. Poddar (India) as the new Chair, Vice Chair and Secretary of the WG, respectively.
- (b) **WG-CLIMATE:** Elected Dr. Ray Shyan Wu (Chinese Taipei), Dr. Tian Fuqiang (China) and Dr. Waleed Hassan M. Abou El Hassan (Egypt) as Chair, Vice Chair and Secretary respectively in virtual meeting held on 10 September 2020
- (c) **WG-IOA:** Dr. Keigo Noda (Japan) as new Vice Chair and Mr. Taku Mori (Japan) as new Secretary of the WG
- (d) **WG-NCWRI:** Elected Dr. Wenyong-Wu (China), Vice Chair as the new Chair
- (e) **WG-IDSST:** Dr. Shavkat Makhmudjanov Kenjabaev (Uzbekistan) as new Secretary
- (f) **WG-SDRG:** Mr. Fazal Rehman Kashif (Pakistan) as new Secretary
- (g) **WG-SDTA:** Elected Ir. Hj. Nor Hisham Bin Mohd Ghazali (Malaysia) as new Vice-Chairman and Dr. Ikuo Yoshinaga (Japan) as new secretary
- (h) **EB-JOUR:** Joint Editor Prof. Jiusheng Li (China) as New Chairman, while Prof. Graziano Ghinassi (Italy) becomes Joint Editor. Prof. Hector Malano (Australia) will step down as Editor Emeritus and current Chairman, Prof. em. Bart Schultz (the Netherlands) becomes Editor Emeritus.

5. PCTA observed that most of the WBs have reviewed the Action Plan (Road Map to ICID Vision 2030) based on their mandates and provided latest updates about the fresh action plan for 2018-2022, in view of the rescheduling of the international workshops, short courses, etc. in the coming years due to COVID-19 pandemic.

6. The Chair, PCTA proposed to the Council that the extension of the following workbodies be approved as recommended by them till the period as mentioned against each of them.

- (a) Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD) till 2023.
- (b) Working Group on Capacity Development, Training and Education (WG-CDTE) till 2027, as many of the mandated activities are still remain to be completed due to the past inactivity of the WG.
- (c) Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM) till 2025 keeping in view the term of WG-NCWRI to work in joint session.
- (d) Working Group on Institutional and Organizational Aspects of Irrigation / Drainage System Management (WG-IOA) till 2023.
- (e) Working Group on Irrigation Development and Management (WG-IDM) till 2023.
- (f) Working Group on Modernization and Revitalization of Irrigation Schemes (WG-M&R) till 2023.

7. PCTA Chair in his report recommended to the Council for the establishment of the new Working Group on Land Drainage with the following mandate under Strategy Theme 'Scheme' as per the scoping document presented during the virtual meeting of Working Group on Sustainable Drainage (WG-SDRG) held on 02 November 2020 as the WG-SDRG has completed its mandate.

- (a) To promote drainage as part of integrated water resources management. In this regard exchange of information, knowledge and experience among the WG members in order to be up to date with new developments, methods and approaches. Prepare and present reports and/or case studies on recent developments in the countries that are represented in the WG; organise international drainage workshops,
- (b) To collect and review manuals, guidelines, codes of practice and standards on drainage schemes of various countries and prepare universal draft standards,
- (c) To promote sustainable approaches for drainage and related projects through a balanced integration of environmental, economic, and social and cultural aspects. In this regard nonconventional drainage methods such as bio-drainage, dry-drainage, controlled drainage and reuse of drainage water will be given due attention.
- (d) To prepare an overview paper on the state of the art on the topic for publication in Irrigation and Drainage (IRD).
- (e) To hold drainage conferences and workshops with collaboration of NCs and close collaboration to hold two International Drainage workshops (14th and 15th IDW).
- (f) Collecting data of the World Drained Area and keep it updated through WG members and NCs information according to Goal E, Strategy E5 (Compilation of Global Data Sets on Irrigation and Drainage), Clause 5.3 (Datasets for Drainage Area) of Road Map of ICID Vision 2030.

8. PCTA also recommended for the establishment of a new WG on Water Food Energy Nexus with the following mandate under Strategy Theme 'Basin' as presented in the scoping document presented during the first informal meeting of WG on 12 October 2020, as the WG-WATER&CROP has completed its mandated activities.

- (a) To exchange information, knowledge, and experience, as well as networking on the Water-Food-Energy Nexus topic in order to be up to date with new developments, methods and approaches. This can be the basis for a possible position paper on key issues on the nexus.
- (b) To prepare an overview document on the state of the art on improving water use efficiency and productivity within the nexus.
- (c) to produce a document of impact of climate change and possible use of non-conventional less water consuming crops
- (d) To prepare an overview document on the state of the art on model applications as useful management tools for water, crops, field and energy management within the nexus

- (e) To prepare and present reports on case studies on recent developments in the countries that are represented in the WG; and from presented cases of the workshops
- (f) To organize international workshops, seminars or symposia on the Nexus topic.
- (g) To implement ICID 2030 vision

9. The Chair informed the Council that both the new WGs have mustered the support of more than 10 NCs to participate in their activities through their nominated experts, as laid down in the prescribed norms for establishment of the new workbodies during the Council meeting in Mexico in 2017.

10. The Chair recommended to the Council that the WG-SDRG and WG-WATER&CROP may be closed, in view of the WGs completing their mandates.

11. The Chair expressed his gratitude and appreciation to the Chairs of the WGs, which have organized their virtual meetings and provided with him the summary reports well in time, which formed the basis for his report and recommendations to the Council.

