Terms of Reference (ToR): (i) To deliberate and recommend the Themes, sub-themes of World Irrigation Forums and Theme and Questions of future Congresses, (ii) To set out format and technical contents of the Congress and WIFs, (iii) To review the technical outputs and outcomes and suggest follow ups, (iv) To work out the structure of meetings related to IEC, particularly the WGs at the ICID's Annual Events, to make them more effective and (v) 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.

Members Present: (1) PH Dr. Gao Zhanyi, Chair (China, 2017); (2) VPH Dr. Ding Kunlun, Chair, PCTA (China, 2017); (3) Mr. Ali Reza Salamat, Member, PCTA (Iran, 2017); (4) VPH Mr. Ian W. Makin, Chair, WG-M&R (UK, 2017); (5) VP Waseem Nazir (Pakistan, 2017); (6) VP Dr. K. Yella Reddy, Member, ITAC-WIF3 (India, 2019) and (7) Er. Ashwin B. Pandya, Secretary General, ICID.

Observers: VPH Dr. Ragab Ragab (UK).

Sub-Committee Minutes Item 1: ATR on the Minutes of the 5th Meeting of the Sub-Committee

1. The minutes of the 5th meeting of the Sub-Committee on Themes (SC-E-THEMES) was reviewed and discussed. Following the joint session of WGs under ST-ON-FARM held in Saskatoon last year, another joint session of WGs under ST-ON-FARM has been scheduled at Bali, Indonesia on 5 Sept. 2019. The Chair of SC-E-Themes expressed thanks to the Chairs of WGs under strategy Theme-On Farm for their efforts to hold a joint session at Bali.

2. An online/virtual meeting of the three Chairs of WGs–WATER & CROP, WG-SON-FARM, WG-NCWRI --was held on 31 May 2019 for discussing related issues.

Sub-Committee Minutes Item 2: To review the membership of the Sub-Committee

3. As per notification No.15 of 2017 dated 24 November 2017, the Sub-Committee shall consist of the members drawn from the following committees/WGs:
   (a) Technical Experts – one each drawn from ITAC for immediate past and future WIF and Congresses, within the span of six years.
   (b) Two Experts nominated by PCTA.
   (c) Three Experts drawn from Technical Workbodies of ICID
   (d) Chairperson of SC will be nominated from amongst the members, by the President in consultation with Secretary General.
   (e) The membership will be for a maximum of six years and the nominee of ITAC of past Event will be a member for two years after the conclusion of that particular event.
   (f) The membership shall not exceed more than 10 members.

4. The Sub-Committee reviewed the membership accordingly and recommended that in keeping with the above regulations, some numbers of the Committee should be changed. Technical experts from ITAC for WIF4 and 24th ICID Congress should serve as the members of the SC. Since no application for the membership is received. SC suggests the Central Office to coordinate and settle the issue.

Sub-Committee Minutes Item 3: To work out the structure of meetings related to IEC, particularly the WGs at the ICID’s Annual Events, to make them more effective

5. The Sub-Committee reviewed the following recommendations made at its last meeting in Saskatoon:
   (a) Organize online WebEx meetings prior to the main physical meeting to take care of all routine matters such as attendance, membership issues, publications etc.
   (b) Organize shortened separate physical (face to face) meetings of the WGs for 90 minutes each in place of earlier 180 minutes.
(c) Organize a series of internal workshops (90 minutes) on the specific items related to the mandate of the working group and combining the outcome of these workshops to produce WG Output/ Report/ Document as appropriate.

(d) Assign time bound specific tasks emerging from the mandate of the WG to the members for effective results.

(e) Restructure the Plenary Session of IEC to allow the chairs/WGs to disseminate the work of their WGs to all stakeholders.

6. The Committee noted that as per ICID Central Office e-mail dated 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries of workbodies, it has been suggested to make full use of web-ex platform for virtual meeting so as to ensure regular contribution from the WG members as well as to discuss and to initiate follow-up actions emerging from the minutes of the previous WG meeting and to review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chairs of the workbodies were requested to send the ‘Expression of Interest’ to initiate the process. During the year, it has been found that the numbers of virtual meetings have increased and a number of WGs are organizing internal workshops during their meetings at Bali, Indonesia.

7. The Sub-Committee expressed satisfaction with the progress made so far, and encouraged more virtual meetings could be organized by WGs under all strategy themes.

Sub-Committee Minutes Item 4: 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. – To finalize the recommendations

8. The Sub-Committee reviewed the following recommendations made previously:

(a) Organize combined meetings of the WGs for the duration of time saved from shortening the separate WG meetings, say of 180 minutes. This combined meeting could be in the shape of workshop/seminar/panel discussion on the common issues emerging from the mandate of the concerned WGs.

(b) While ICID has four strategy themes, i.e. Basin, Knowledge, On-farm and Schemes; ‘On-farm’ has only three WGs; namely, WG-PQW, WG-SON-FARM and WG-WATER & CROP; which can perhaps come together on trial basis to understand the actual working of the concept and the benefits thereof.

(c) Webinars (on-line) on the topics/areas of common interest of the concerned WGs could be held during the year.

(d) A lot of on-line coordination prior to the annual meetings among the Chairs/members would be a prerequisite for successful combined meetings (workshop/seminar/panel discussion) at the time of IEC.

(e) In order to take final decision on the combined meeting of the WGs for strategy theme ‘On-Farm’, WG Chair of respective WGs may also be invited to join next meeting.

9. As per the recommendation of SC, a joint session of three WGs, viz. WG-NCWRI, WG-SON-FARM, and WG-WATER & CROP was organized at Saskatoon, Canada on 15 August 2018, and another joint session will be held at Bali, Indonesia on 5 September 2019. In order to plan for a joint session and develop agenda for the meeting, a web-ex virtual meeting was organized on 31 May 2019. The minutes of the joint session was presented at the meeting by Strategy Theme Co-Leaders, ST-ON-FARM.

10. Based on the observation and outcome of the joint session last year at Saskatoon, Canada and the proposed agenda for the joint session at Bali, the Committee has felt that it would be useful to organize the joint session of WGs under each strategy theme with the highlight of holistic consideration of WGs’ mandate and activities for achieving the objectives of the strategy theme, and to improve the performance of activities of WGs and identify the necessity to set up new WGs under the strategy theme.

Sub-Committee Minutes Item 5: To consider the Report of ITAC for WIF3, Bali, Indonesia, 2019

11. ITAC for WIF3 has finished its tasks for providing technical support to National Organizing Committee and International Steer Committee for the 3rd World Irrigation Forum. ITAC for WIF3 has contributed for identifying and improving the Theme and Sub themes, background papers for Sub-themes, structure of the Forum, support events and international workshops, call for papers, the role of invited institutions and partners, roundtable meetings, etc.
Sub-Committee Minutes Item 6: To consider the report of ITAC for 24th ICID Congress, Sydney, Australia, 2020

12. The detailed scope for the Questions and Sub-Questions for 24th ICID Congress which have been finalized in consultation with SC-E-THEMES and Host NC was reviewed. The theme and scope for the Symposium proposed by IACID were agreed by the meeting. The preparations for the 24th ICID Congress hosted by IACD have been progressed well and followed the schedule of ICID event. It was proposed and discussed that ICID CO and IACID should prepare and start early the “Call for Papers” and provide the links for submission of abstracts. IACID also proposed some registration discount for the participants from LDCs and for students to encourage young professionals’ participation at the Congress. IACID would combine their domestic conference and exhibition with the ICID event in 2020. ITAC agreed that the exhibition during the 24th Congress should keep variety of exhibitors to participate in rather than limited to a special area. The CO and IACID will follow up to identify the General Reporters, Session Chairs and the Panel of Experts for the Congress.

Sub-Committee Minutes Item 7: Theme and Sub-Themes for 4th World Irrigation Forum, 2022

13. The Council vide its Resolution IEC-2/69 approved the following Theme and Sub-Themes for WIF4, following the recommendations of the Sub-Committee and PCTA at Saskatoon, Saskatchewan, Canada in August 2018.

Theme: Modernization of Irrigation Schemes  
Sub-Theme 1: Policy and strategy for modernization of irrigation schemes  
Sub-Theme 2: Technology for modernization of irrigation schemes  
Sub-Theme 3: Investment for modernization of irrigation schemes  
Sub-Theme 4: Performance Assessment of Irrigation Schemes

14. The venue of the 4th World Irrigation Forum will be decided at the 70th IEC meeting at Bali, Indonesia, as sufficient expression of interests have been received by the due date for submission of the same at ICID Central Office. The Sub-Committee will further develop detailed topics under the Sub Themes, in consultation with the host National Committee of WIF4.

Sub-Committee Minutes Item 8: Theme and Topics for 25th ICID Congress, 2023

15. As reported last year, the venue for the 25th ICID Congress is yet to be identified. However, based on the recommendations of Sub-Committee and later by PCTA, the Council approved the following Theme and Questions for 25th ICID Congress vide Resolution IEC-2/69.

Theme: Tackling Water Scarcity in Agriculture  
Question 64: What alternative water resources could be tapped for irrigated agriculture?  
Question 65: Which on-farm techniques can increase water productivity?

16. Sub-Committee will work together with the prospective host National Committee to modify the Theme and Questions, if required, according to the prevailing scenario.

Sub-Committee Minutes Item 9: Any Other Business