

<p style="text-align: center;">AGENDA FOR THE 36TH MEETING OF THE PERMANENT COMMITTEE FOR TECHNICAL ACTIVITIES (PCTA) 11 November 2016, 09.00-17.00 hours Chiang Mai, Thailand</p>
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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. Felix B. Reinders, Chairman (South Africa, 2010); (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 Dr. Ding Kunlun (China, 2015); (8) Vice President Dr. Mohamed Abd-El-Moneim Wahba (Egypt, 2015); (9) Mr. Ali Reza Salamat (Iran, 2015) and (10) Er. Avinash C. Tyagi, Secretary General, ICID

Permanent Observers: (i) World Bank Representative; (ii) FAO Representative; (iii) IWMI Representative; (iv) ISO Representative; (v) WWC Representative; (vi) CPWF Representative; and (vii) AgWA Representative.

Ex-Officio Members: All Strategy Theme Leaders and Chairpersons of all workbodies under PCTA and vice President Hon. Larry D. Stephens (USA), Secretary (PCTA).

PCTA Agenda Item 1: ATR on the minutes of the 35th Meeting of PCTA

1. An Action Taken Report (ATR) on the last minutes of the PCTA meeting at Montpellier is given at **Annex 1**.

PCTA Agenda Item 2: Membership of the PCTA and Workbodies

2. 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.

3. VPH Mr. Felix B. Reinders (South Africa, 2010) shall be completing his tenure of six years as member and five years as Chairman of PCTA at Chiang Mai meeting of PCTA (ICID By-laws 3.8.1(c)). South African National Committee has been requested to send a suitable replacement in his place on completion of his term according to ICID By-laws 3.8.1 (d).

4. PCTA will also consider the proposals from the Chairpersons of various workbodies associated with it, for any changes in their membership.

PCTA Agenda Item 3: Functioning of Workbodies

5. PCTA encouraged the workbodies to use the facility of web-conferencing/tele-conferencing/video-conferencing to hold interim meetings and to interact with the members between two IEC meetings, with the objective to help the provisional members of various workbodies, who are unable to physically attend annual meetings, to attend the meetings and contribute to the activities of the working groups and thereby become active members of WGs. Since last Council meetings at Montpellier, the web conferencing facility has been availed consistently in organizing a number of meetings such as, MB, ITAC of WIF2, Consultative Group on Vision 2030, and the Task Forces on Revitalization of ICID Network, the Task Force on Annual Membership Subscription Fomulae etc. Unfortunately, the web conferencing facility has been availed by only one workbody, i.e. WG-ENV. The Chairs of workbodies are urged to avail this facility to conduct their meetings in order to effectively achieve their mandates within their time span.

6. Members are also requested to discuss organizational issues during the physical meetings as well as through web-conferencing and suggest further improvements in the working of its workbodies so as to be able to fulfil the mandates expected from them, including bringing out useful publications, which forms an important part of their mandate.

7. Communication tools such as *ICID News* have now been used by workbodies to publicize the outcomes of their international workshops as an important tool in exchanging experiences on the new developments with the non-technical stakeholders and policy makers. The members may like to suggest further ways and means to use the communication media at the disposal of ICID in order to achieve optimum efficiency.

PCTA Agenda Item 4: Revision / Updation of Multilingual Technical Dictionary (MTD) – Establish a New Workbody on MTD

8. During the last IEC meeting, the efforts to upgrade the MTD (CD version 2010) to an on-line version were initiated as an important input to meet SDGs. It was also proposed that the irrigation and drainage dictionaries in various national languages would also be amalgamated. While considering a mechanism to review/update the existing MTD as per the background note presented during the Montpellier meeting of PCTA, the Committee recommended that a new work body be established including representatives from various specialized fields, at the same time representing various languages included in the MTD.

9. While considering the PCTA's recommendation to establish a new workbody under PCTA on MTD, it is hereby proposed that a Task Force be established to review/update the existing MTD, made available as an online version in the existing languages, including translation of the existing MTD into local languages of various NCs of ICID, besides the periodical review/updation of the online version of Dictionary. The TF will consist of chairs/nominees of workbodies dealing with the existing heads/newly identified heads of MTD as well as members co-opted from specialized organizations like WMO, FAO, IWMI, ICOLD, UNESCO-IHE, etc.

10. Accordingly a scoping document for establishment of a Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD) is attached as **Annex 2** for consideration of PCTA.

PCTA Agenda Item 5: ICID Vision 2030 – Inputs to ICID Action Plan 2030

11. The 66th IEC meeting approved the Vision, Mission and six Organizational Goals and requested the Consultative Group (CG) that has been constituted to develop 'Draft ICID Vision 2030 Document' to develop an Action Plan 2030 including review of structure and other organizational aspects required to achieve the goals of Vision 2030.

12. In pursuance of the Council's decision, the members of CG held a virtual meeting in May 2016 and decided to gather the inputs from National Committees and ICID Work Bodies by circulating two Questionnaires – first one to workbodies under PCTA to identify actions to achieve the Organizational Goals in their area of activities in order to support NCs in meeting their national obligations in contributing towards SDGs, particularly those related to AWM and the second one to gather the support required by National Committees from ICID in meeting their national obligations in their respective countries. Accordingly, the questionnaires developed by CG have been circulated amongst the WBs under PCTA and NCs, with the latter being offered guidance in filling their questionnaires with the help of Vice Presidents in-Charge of them or by CG members.

13. In response, the inputs have been received through filled in Questionnaires have been received from the NCs of Bangladesh, Canada, China, Chinese Taipei, Egypt, India, Iran, Japan, Korea, Mexico, Morocco, Sri Lanka, Sudan, Turkey, Ukraine, USA, Zambia and Zimbabwe and PCTA workbodies of EB-JOUR, WG-ENV, WG-BIO-ENERGY, WG-M&R and WG-CLIMATE.

14. Based on the inputs received from PCTA WBs and NCs, a Draft Action Plan 2030 developed by CG will be presented to PCTA to in order to have its inputs on the actions identified by WBs under the Committee in meeting the goals of ICID through its NCs in the coming years, prior to its submission to 67th IEC for its consideration and approval.

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

15. Based on the decision of the Management Board of ICID, an IRPID Scheme was notified vide Notification No.16 of 2016 dated 27 April 2016 among ICID National Committees inviting to establish regional nodes, following the examples of regional nodes that are currently working in Beijing and Tehran. The notified IRPID Scheme gives vision, mission and objectives of the Research Program, besides presenting the organizational structure, coordination mechanism etc.

16. The IRPID aims at intensifying irrigation and drainage research to achieve global food security and its objectives are to:

- (a) Foster a conducive policy environment for increasing research and development, technology transfer and networking according to the needs of members,
- (b) Enhance research impacts in member countries by fostering innovation through increased coherence, convergence and concerted efforts,
- (c) Identify and promote opportunities to gain relevance, efficiency and effectiveness of NC's within their countries, and
- (d) Help NCs raise the financial resources required to undertake required activities.

17. Since clarity on the establishment of regional nodes and their functional areas with balanced approach on global basis, still remains to be addressed in the notified IRPID scheme, an International Research Workshop on Sustainable Agriculture Water Management was hosted by Kuzestan Water and Power Agency under the auspices of IRNCID on 14-15 August 2016 in Ahwaz City, Iran. The first session of the Management Board of IRAN-IRPID was also held concurrently. The suggestions made at the meeting have been incorporated in the revised scheme and the modified scheme is attached as **Annex 3 of PCSO Agenda, page 43** giving its vision, mission and objectives, besides presenting the organizational structure, coordination mechanism etc. The Chair of PCTA who is also the Chair of the Advisory Committee of the IRPID (AC-IRPID) would present his report and views on the revised IRPID Scheme.

18. PCTA may consider the revised IRPID Scheme and provide its suggestions mainly focusing on the research aspects as to how best IRPID could be used to the advantage of NCs located in various regions vis-à-vis the prevailing irrigation and drainage challenges of that region, prior to its submission to IEC for its consideration and approval.

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

19. 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 prior to making recommendations to IEC for approval. In the absence of the Chair, the member chairing the WG meeting may present the report.

PCTA Agenda Item 7.1: Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

20. The tenure of the WG has been further extended for one year up to 2016 and requested to develop a scoping document for a WG with new mandate. VPH Mr. Franklin E. Dimick, Chair of the WG will present the report of the meeting of WG.

PCTA Agenda Item 7.2: Working Group on Sustainable Development of Tidal Areas (WG-SDTA)

21. Dr. Ruey-Chy Kao, Chair of the WG will present the report of the meeting of WG.

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

22. Dr. Sylvain Roger Perret, Chair of the WG will present the report of the meeting of WG.

PCTA Agenda Item 7.4: Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

23. The tenure of the WG was up to 2015. Dr. Kamran Emami, Chair of the WG will present the closure report of the WG.

PCTA Agenda Item 7.5: Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)

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

PCTA Agenda Item 7.6: Working Group on Water for Bio-Energy and Food (WG-BIO-ENERGY)

25. The tenure of the WG was up to 2015 and hence it was requested to develop a revised mandate for a new WG for four years and circulate the scoping document among NCs for their comments and invite nominations for new WG membership. Dr, Fuqiang Tian, Chair of the WG will present the report of the meeting of the WG.

PCTA Agenda Item 7.7: Synthesis Report by Co-Theme Leaders of ST Basin [VP Dr. Mohamed Abd-El-Moneim Wahba (Egypt) & VP Dr. Charlotte de Fraiture (The Netherlands)]

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 Water and Crops (WG-CROP)

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

PCTA Agenda Item 8.2: Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

27. Dr. (Mrs.) Samia El-Guindy, Chair of the WG will present the report of the meeting of WG-PQW.

PCTA Agenda Item 8.3: Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)

28. VPH Mr. Felix B. Reinders, Chair of the WG will present the report of the meeting of the WG_SON-FARM.

PCTA Agenda Item 8.4: Synthesis report of Co-Theme Leaders of ST On-Farm [VP Kadhim Mohsin Ahmed (Iraq) & VP Bong Hoon Lee (Korea)]

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

PCTA Agenda Item 9.1: Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

29. The extended tenure of the WG is up to 2016. Dr. Kamran Emami, Chair of the WG will present the report of the meeting of WG.

PCTA Agenda Item 9.2: Working Group on Capacity Development, Training and Education (WG-CDTE)

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

PCTA Agenda Item 9.3: Task Force to Guide ICID Inputs to World Water Forum 8 (TF-WWF8)

31. PH Dr. Chandra Madramootoo, Chair of the TF will present the report of the meeting of TF.

PCTA Agenda Item 9.4: Task Force on Value Engineering (TF-VE)

32. The tenure of the TF was up to 2015. The TF was asked to prepare a closure report, bringing out the outcomes during the last three years and prepare justification for the extension of TF or conversion of TF into a WG on VE. Dr. Kamran Emami, Chair of the TF will present the report of the meeting of TF.

PCTA Agenda Item 9.5: Committee on Public Relations and Publications (C-PR&P)

33. VPH Mr. Larry D. Stephens, Chair of the Committee will present the report of the meeting of the Committee.

PCTA Agenda Item 9.6: ICID Journal Editorial Board (EB-JOUR)

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

PCTA Agenda Item 9.7: Synthesis report of Co-Theme Leaders of ST Knowledge [VP Basuki Hadimoeljono (Indonesia), VP A.B. Pandya (India) & VP Abdelhafid Debarh (Morocco)]

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 Sustainable Drainage Management (WG-SDG)

35. Mr. Bernard Vincent, Chair of the WG will present the report of the meeting of the WG-SDG.

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

36. 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)

37. VP 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 Water Saving in Irrigated Areas (WG-WATS)

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

PCTA Agenda Item 10.5: Working Group on Irrigation, Development and Management (WG-IDM)

39. Mr. Françoise Brelle, Chair of the WG will present the report of the meeting of the WG-IDM.

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

PCTA Agenda Item 11: Newly Proposed Workbodies

PCTA Agenda Item 11.1: Working Group on Groundwater Irrigation

40. PCTA accepted in principle the proposal of creation of a new workbody on groundwater as an outcome of the 26th European Regional Conference and suggested to prepare a scoping document for a WG on Groundwater Irrigation. VPH Mr. Françoise Brelle, AFEID was requested to prepare the scoping document of the new WG on Ground Water Irrigation. However, he has expressed his inability as he will be unable to participate in the activities of ICID after his retirement. PCTA may deliberate on the way forward.

PCTA Agenda Item 12: Report on the outcome of WIF2

41. THAICID representative will present a report on the outcome of WIF2.

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

42. PH Prof. Dr. Bart Schultz, Chair of the Sub-Committee will present the report of the meeting of the SC-E-THEMES.

PCTA Agenda Item 14: Technical Support Unit (TSU) in ICID – An Update

43. A Technical Support Unit (TSU) has been established at ICID Central Office as per 66th IEC decision (Resolution IEC-3/66, Para 7). The establishment of TSU has been notified to NCs on 4 January 2016 (**IEC Agenda Item 14, Annex 3, Page 11**), requesting them to nominate experts, giving the terms of reference for engaging them as part of TSU program together with application form. Secretary General will provide an update on the establishment of the TSU.

PCTA Agenda Item 15: Any other business



**ACTION TAKEN REPORT ON THE 35th MEETING OF PCTA
15 October 2015, Montpellier, France**

Item	Recommendation	Decision of 66 th IEC	Action Taken
3. Functioning of Workbodies			
	Recommended that the WGs that organize an international workshop should share the knowledge exchange with those who are unable to attend IEC physically by compulsorily contributing an article in ICID News communicating the brief on the topic of the workshop and its outcome for the non-specialists as well as policy makers.	Approved the recommendation by acceptance of PCTA report.	Some of the WGs organizing the international workshops have published their outcomes in ICID News in the form of articles on the workshop topics.
4. Review of the activities of Workbodies			
	Agreed to extend the term of the WG-DROUGHT by one year till 2016 and requested to develop a scoping document for a WG with new mandate.	-do-	Scoping Document for a WG with new mandate is expected to be presented at the meeting.
	The extended tenure of WG-BIO-ENERGY was up to 2015 and recommended to develop a revised mandate for a new WG for four years and circulate scoping document to the National Committees for their comments and inviting nominations for the new WG.	-do-	Finalised Scoping Document circulated to NCs for their views/comments, if any and also to nominate suitable experts as Members of the new WG. Nominations from few Ncs have already been received.
10. Newly Proposed Workbodies			
	Recommended the setting up of four new workbodies, viz. (i) WG on Irrigation Development and Management (WG-IDM), (ii) WG on Capacity Development, Training and Education (WG-CDTE), (iii) WG on Water Saving in Irrigated Areas (WG-WATS) and (iv) TF to Guide ICID Inputs to 8 th World Water Forum (TF-WWF8).	Accepted vide Resolution IEC-3/66 (Sr. No.6).	Establishment of new workbodies have been notified and these WGs will be holding their first meetings.
	Recommended the re-constitution of (i) WG on Environment (WG-ENV), (ii) WG on Climate Change and Agricultural Water Management (WG-CLIMATE) (iii) WG on Sustainable On-Farm Irrigation System Development (WG-SON-ONFARM) with revised mandates.	Accepted vide Resolution IEC-3/66 (Sr. No.7).	Notified the establishment of the reconstituted workbodies.
10. Report on the outcome of 25th ERC			
	Accepted in principle the proposal to create an ICID workbody on groundwater and suggested AFEID to prepare a Scoping Document for a WG on Groundwater for consideration of IEC.	Approved the recommendation by acceptance of PCTA report.	Scoping Document is being prepared by the French NC and is expected to be presented during the IEC.
12. Report of the Sub-Committee to deliberate upon the themes, topics and work plan of future ICID Events			
	Requested Central Office to disseminate the approved standard format for submitting proposal for organizing workshops during IEC meetings.	Approved the recommendation by acceptance of PCTA report.	The standard format has been circulated among the workbodies and included in the Handbook of Procedures.
13. Setting up of Technical Support Unit (TSU) in ICID			
	Recommended setting up of a Core Group to prioritize and finalize the work program of TSU and review and monitor progress of activities of TSU	Accepted vide Resolution IEC-3/66 (Sr. No.2).	Notified the setting up of TSU vide Notification No.1 of 2016 dated 04 January 2016



**TASK FORCE FOR UPDATING AND MAINTENANCE OF
MULTILINGUAL TECHNICAL DICTIONARY (TF-MTD)**

DRAFT SCOPING DOCUMENT

(Prepared by ICID Central Office)

1. Introduction

- 1.1 The MTD consists of all technical terms related to irrigation, drainage, flood management, environment, river training and allied disciplines is a flagship publication of ICID widely consulted by agriculture water management community. The first volume of MTD was published in English and French languages in 1967. In 1996, MTD was thoroughly revised and a new hardcopy version of this second edition was published. With the change of time and technology the 3rd edition of MTD (English-French) was brought out on CD-ROM in the year 2000, which was slightly modified and brought out as 4th edition in 2002.
- 1.2 Soon after the release of first edition in 1967, NCs felt the need to translate this useful dictionary into their own local languages also for the benefit of their national professionals working in that language. This was primarily the objective of naming the dictionary as 'multilingual'. Thus, with the commendable efforts of the NCs, MTD has been translated so far in 14 languages in the past, besides English and French. These national versions of the MTD were initially translated based on the first edition published in 1967. Some of the National Committees later also brought out their next translated editions in local languages based on the revisions.
- 1.3 For the latest 5th edition efforts were made in 2010 to really make the dictionary multilingual and NCs were requested to send their available translations in local languages in digital format. The 5th edition consists of 9370 technical terms and 25 chapters. In this edition, in addition to English-French, the technical terms related to ICID activities made available by respective NCs in three more languages i.e. Chinese, Japanese and Russian were also included. As such, for these three additional languages term-to-term translation was not available due to various reasons.

2. History of the Working Group

2.1 Establishment and mandates

- 2.1.1 The Work Group for revision and reprinting of the basic MTD 1967 edition (1985) Renamed as Working Group on Dictionary (1985) and Working Group on Coordination of Dictionaries (WG-CD) (1998-2009)
- 2.1.2 The WG was mandated to encourage preparation and publication of translations of the English/French revised edition of the Multilingual Technical Dictionary (MTD) on Irrigation and Drainage into additional languages; To produce copies of the MTD in other formats, especially electronic, so as to make it more valuable to users; and to produce periodic updates on all sections of the MTD.
- 2.1.3 Mr. Bruno Molle (France) Chaired the WG-CD with its membership consists of: Dr. E. Kruse (USA), Dr. P. Buri (Italy), VPH Prof. Cai Lingen (China), and Mr. K.N. Sharma (ICID CO). Observers/Permanent Observers includes: FAO, WMO, IWMI, VPH Dr. Hector Malano (Australia), Chair PCTA, and Chair C-PR&P.

2.2 Activities and outcomes

- 2.2.1 The Group held its last meeting at the 60th IEC meeting, Delhi, 2009 and brought out the 5th edition of MTD on DVD that consists of 9370 technical terms categorized in 25 chapters. In this edition, CO also collected available digital versions of the translations from China, Japan, and Russia which were included in the 5th edition brought out on the DVD.

3. Proposal for constitution of Task Force

3.1 Objective

3.1.1 The objective of the new Task Force is to redefine the scope of terms to be covered in the Multi-Lingual Irrigation and Drainage Dictionary, update them, and make the revised version available in languages other than the official languages of ICID (English and French), make it universally accessible and establish a mechanism to regularly update it.

3.2 Updated Mandates

3.2.1 In order to meet the above objectives, the mandate for the TF are proposed as follows:

- (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

4. Work Plan

4.1 Scope

As decided at the 65th IEC meeting, Gwangju, 2014, a web version of the MTD based on the 5th edition was launched. The online MTD will serve the ICID community and all irrigation stakeholders by providing this rich open resource knowledge base. The objective of the Task Force is proposed to be carried out in following phases:

- Phase I: Providing available information in online version in all possible languages, available with NCs
- Phase II: Revising the structure of the Dictionary
- Phase III: Bringing compatibility between terms in different languages
- Phase IV: Regular updating the terms/ providing illustrative pictures/ and links

Phase I: Simply exporting available information to online version

In the first stage, converted and exported the existing DVD version of the MTD into web format and launched for online viewing through URL http://www.icid.org/members_only/icidmtd/display.php?lang=en.

ICID members registered on www.icid.org are provided with special privileges to access MTD on Chapter basis with multiple copy option(s).

Phase II: Revising the structure of the MTD

The 5th edition of MTD consists of more than 9000 terms. With the developments in web technologies, many specialized international organizations have brought out dictionaries of terms that are relevant to their areas of expertise. In that respect some of the chapters/terms that were earlier included in ICID MTD are not relevant to the present situation as they do not fall within the expertise of ICID network of experts. It is therefore important that ICID concentrates and keeps its focus on irrigation and drainage terms. The existing 25 chapters have been grouped in three categories as listed below.

ICID should concentrate its efforts on enriching the irrigation and drainage related terms in Category 1. Chapters listed in 'Category 1' are of top importance and fall directly in ICID domain. Chapters in 'Category 2', which is closely related to irrigation and drainage but essentially belong to the domain of expertise of other professional organizations. Such organizations are perhaps in better position to provide authentic definitions to these terms. Category 3 is all together outside our expertise.

Phase III: Bringing compatibility between terms in different languages

To enhance the translation capabilities, ICID requested Chinese, Korean, Egyptian, Indonesian, Indian, Japanese, and Russian National Committees to help in bringing compatibility as per the base languages (English-French) based on the 5th edition to really serve as multilingual dictionary. To meet the target some of the NCs have taken up this task on priority.

NCs of China, Korea, Egypt, Indonesia, India, Japan, and Russia should be requested to nominate their experts to give feedback and contribute to the translation task.

Priority wise listing of MTD Chapters

Category 1	Category 2	Category 3
(5) Head works; (WG-IDM)	(2) Hydrology; WMO, UNESCO, IAHS	(1) General (statistics, units etc.);
(6) Design of irrigation canals; (WG-IDM)	(3) River hydraulics;	(4) Reclamation;
(7) Canal structures; (WG-IDM)	(10) Pumping stations (lifting devices);	(14) Construction materials;
(8) Project water management; (WG-IDM)	(18) Soil and water conservation;	(15) Construction techniques and equipment;
(9) Wells and drilling;	(22) Systems analysis;	(19) Environmental impacts;
(11) Irrigation systems and distribution of irrigation waters; (WG-IOA)	(24) Project planning;	(21) Computer technology;
(12) On-farm water management; (WG-SON-FARM)		(23) Hydraulic research;
(13) Design and construction of drainage systems; (WG-SDG)		(25) Climate change
(16) Automation in irrigation, drainage and flood control systems; (WG-M&R)		
(17) Operation, maintenance and management; (WG-IDM)		
(20) Flood control; (WG-CAFM)		

Phase IV: Regular updating the terms/ providing illustrative pictures/ and links

ICID workbodies are the knowledge base consisting of world renowned experts nominated by various National Committees. Keeping in view the vast knowledge and experience, WGs have to undertake the responsibility to review the MTD, as indicated in the table above to enrich the knowledge base as per their areas of specialization.

The WGs will be required to–

- Identify new terms required to be included, if any;
- Review the existing chapters/ terms/ definitions;
- Update the existing terms in light of the latest knowledge;
- Share pictures/ drawing/ illustrations to enhance the understanding of the terms through visual impact
- Sharing related video links
- Adding interesting links related to the subject (term)



