

**AGENDA FOR THE 2ND MEETING OF THE
WORKING GROUP ON HISTORY OF IRRIGATION, DRAINAGE AND
FLOOD CONTROL (WG-HIST)**

05 September 2019, 14:00-16:00 hours (Session I)
05 September 2019, 16:15-18:15 hours (Session II)
Bali, Indonesia

Strategy Theme: Knowledge

Presented by the Chairman

Year of Establishment: 2017

Completion of the Mandate: 2023

Mandate: (a) To motivate ICID National Committees in various countries to set up their National Working Groups on History; (b) To provide guidance to compile, publish, update and/or translate documents on history of irrigation, drainage, and flood management; (c) To promote inter-disciplinary exchange of information, knowledge and experience, as well as networking on the topic (agricultural, political, socio-economic, climatologically and geographical, aspects) for proper understanding of the technological developments on the subject; (d) To organize seminars at ICID Congresses to enhance awareness of Water history; (e) To prepare a paper on “Historical Water Sustainability” for publication in *Irrigation and Drainage (IRD) Journal*; (f) To finalize a book on “Historical Water Sustainability”; and (g) To encourage member countries to produce documentaries on Water History.

Website: <http://wg-hist.icidonline.org/>

WG-HIST Agenda Item 1: Action taken report by the Chair¹

1. The Chair will present the report on the action taken on the decisions and proposals of the working group at its last meeting held at Saskatoon in August 2018.
2. ICID Central Office vide e-mail of 19 November 2018 to all Chairs/ Vice Chairs/ Secretaries 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 discuss and initiate follow-up actions emerging from the minutes of the previous WG meeting and review the progress of the action points. In order to organize the WebEx Meetings, Webinars and e-Discussions, Chair of the workbodies were requested to send the ‘Expression of Interest’ to initiate the processes.
3. The Korean National Committee (KCID) has nominated Mr Ju-Chang Kim for the membership of the WG. Prof. Dr. Abdul Sattar Shakir (Pakistan), Prof. Jaekyoung Noh (Republic of Korea), Eng. S.P.C. Sugeeshwara (Sri Lanka), and Mr. Charles L Abernethy (UK) have not contributed to the activities of the group during last two years so they are recommended to be discontinued and new members would be invited from the National Committees as well as other NCs. Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

WG-HIST Agenda Item 2: Road Map to ICID Vision 2030 - Activities on history of irrigation, drainage and flood control

4. During Saskatoon meeting, the group discussed and reviewed the activities as part of the Road Map to ICID Vision 2030 (refer **Annex 2**). As per discussion at Saskatoon meeting, the group is organizing an International Workshop on ‘Historical Water Sustainability’ at Bali in September 2019.

WG-HIST Agenda Item 3: Publication on “Historical Water Sustainability”

5. During Saskatoon meeting, the group thanked the efforts and assistance provided by PH Prof. Bart Schultz (Netherlands) for formatting the book. However, it was suggested that the concluding chapter be prepared by Dr. Kamran Emami as the Chair of the WG. The book has the following chapters:

- (a). Water History and Sustainability in Indonesia – A. Hafied A. Gany
- (b). The Grand Canal (later the Cavour Canal) – Antonio Linoli
- (c). Sustainability of Chinese Civilization and Water Conservation

¹ This will also include details of membership of WG as **Annex**

- (d). Creative Sustainability in the context of history – Kamran Emami
- (e). History of Irrigation in Thailand and its Sustainability
- (f). Historical Water Sustainability: Lessons to Learn from Japanese Experiences – N. Hachō and Yutaka Matsuno
- (g). Sustainable Development and Water Resources – Ali Bagheri and Peder Hjorth
- (h). Sustainable Irrigation in South Africa: Evidence from History – Lani van Vuuren
- (i). The roles of management in sustainability of irrigation systems – Charles L Abernethy
- (j). The History of Irrigation Sustainability in Malaysia – MANCID
- (k). The Beemster, A drained lake that already proved to be sustainable for more than 400 years – Bart Schultz
- (l). Qanats of Iran: Sustainable Water Supply Systems – Ali Asghar Semsar Yazdi and Majid Labbaf Khaneiki

6. Chair will provide further updates about the finalization of the book at the meeting.

WG-HIST Agenda Item 4: Exchange of information, knowledge and networking – Website

WG-HIST Agenda Item 4.1. Website of the group

7. After discussion, the group suggested that all the presentations made in the workshop be uploaded on the website of the WG. Accordingly, the ICID CO has followed-up with the members and requested to provide papers, articles and documents related to the mandate of the group. However, response is awaited. WG will discuss and evolve better mechanisms for sharing information and its updating on the WG web site.

WG-HIST Agenda Item 4.2. Webinar/ Web based seminar

8. The Chair proposed that WG will concentrate in finalizing the book on Historical Water Sustainability and after that WG would concentrate on organizing webinar. Accordingly, the ICID CO has followed-up with the members and requested them to suggest topics for organization of webinars. Chair will provide further updates at the meeting.

WG-HIST Agenda Item 5: Review of World Historical Irrigation Structures (WHIS) and WSH Program

9. A Task Team is set up every year to select historical drainage/ drainage structures as received from various National Committees (NCs) to give them recognition on the lines of World Heritage Sites (as recognized by UNESCO). Nominations are invited from ICID National Committees for selection of “World Heritage Irrigation Structures” (WHIS) 2019 that includes both old operational irrigation structures as well as those having an archival value.

10. This year, 14 WHIS schemes have been registered viz. 4 from China, 2 from India, 1 from Italy, 4 from Japan and 3 from Sri Lanka. Chair encouraged members to take initiative by encouraging nominations for WHIS and observed that WHIS is providing opportunity to publicize ICID name and encourage general public to participate in managing such systems, taking example of Japanese experience.

11. Considering the slow progress of ICID discussions with World Water Council (WWC) for jointly operating the World Water Systems Heritage (WSH) program, it is being contemplated that other international partners, such as International Commission on Monuments and Sites (ICOMOS), should also be explored. ICOMOS is also actively promoting "Water As Heritage" and in a recent international conference on this theme ICID initiated a dialogue with ICOMOS. Further progress will be regularly reported to the group.

WG-HIST Agenda Item 6: International Workshop on Historical Water Sustainability, September 2019, Bali

12. As agreed at Saskatoon meeting, the Working Group is organizing an International Workshop on “Historical Water Sustainability” on 1 September 2019 at Bali with the following sub-themes (i) Worldwide experiences on Water Sustainability, (ii) Case studies of sustainable historical water schemes, and (iii) Water Wisdom of the past and relevant case studies. The objectives of the workshop are - (a) to deepen the understanding of World Water Wisdom on sustainability; (b) to discuss different aspects of Historical water sustainability; (c) to present the key conclusions of publication of WG-HIST on Historical Water Sustainability; (d) to present a summary of Recognition of World Heritage Irrigation Structures (WHIS) Scheme. In total, about ten abstracts have been received for the workshop. Chair will provide further updates at the meeting.

WG-HIST Agenda Item 7: Impact of climate events on ancient civilization

13. During Saskatoon meeting, Vice President Marco Arcieri (Italy) expressed his desire of publish document on the impact of climate events on ancient civilization. The group welcomed such initiative and the Chair recognized that it can be proposed as future WG activity after finalizing the book on Historical Water Sustainability.

14. Accordingly, the ICID Central Office has requested Vice President Marco to prepare one-page write up for its circulation to the members of the group for inviting papers from them on 'Impact of climate events on ancient civilization'. However, response is awaited.

WG-HIST Agenda Item 8: Any other business



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Bali, Indonesia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 6 September 2019.

Annex 1 [Appendix XVIII, Item 1]

A. Members and their attendance at 2017 and 2018 meetings

No.	Members	Member from (Year)	2017		2018		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. Kamran Emami, Chairman (Iran)	2017	•		•		
2.	Mrs. Xuming Tan (China)	2017		•	•		
3.	Eng. Ahmed Awad Hag Abd-Elnabi (Egypt)	2017		•		•	
4.	VPH Dr. Laszlo Hayde (Hungary)	2017	•		•		
5.	VPH Dr. A. Hafied A. Gany (Indonesia)	2017				•	
6.	Mr. Antonio Linoli (Italy)	2017	# ²		#		
7.	Prof. Dr. N. Hatcho (Japan)	2017	•			•	
8.	Mr. Jong Myong, Kim (Korea, Rep. of)	2017	•				
9.	Dr. José Luis Martínez Ruiz (Mexico)	2017	•				
10.	Engr. Sirika Ahmad Abubakar (Nigeria)	2017	•		•		
11.	Prof. Dr. Abdul Sattar Shakir (Pakistan)	2017					No contribution during last two years. Recommended for discontinuation
12.	Prof. Jaekyoung Noh (Republic of Korea)	2017					No contribution during last two years. Recommended for discontinuation
13.	VPH Dr. Gerhard Backeberg (South Africa)	2017	•		•		
14.	Eng. S.P.C. Sugeeshwara (Sri Lanka)	2017					No contribution during last two years. Recommended for discontinuation
15.	VPH Chaiwat Prechawit (Thailand)	2017				•	
16.	Mr. Charles L. Abernethy (UK)	2017					No contribution during last two years. Recommended for discontinuation
17.	Dr. Ahmed Adam Ibrahim (Sudan)	2018					Provisional Member
18.	VPH Prof. Dr. Dia El Din Ahmed El Quosy (Egypt)	2018				•	
19.	Dr. Sinite Yu (Chinese Taipei)	2018			•		
20.	Secretary General, ICID						
Permanent Observers							
21.	Dr. Ir. M. Ertsen (IWHA)						
22.	Dr. Ing. Klaus Rottcher (Germany)					•	
23.	Dr. (Mrs.) B. Dolfing (The Netherlands)						

B. New nomination received from the National Committee

No.	Name	Country	Remarks
1.	Mr Ju-Chang Kim	Korea, Rep. of	Recommended as member, subject to his presence else provisional member



² Through representation

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
Goal C: Facilitate exchange of information, knowledge and technology							
C1. Strategy: Providing Knowledge-sharing Platform for AWM Professionals	1.2 International conference/workshop/seminar on History	Workshop Proceedings	Workshop/seminar on Historical Water Sustainability		Workshop/seminar		
C3. Strategy: Promoting Regional Cooperation	3.10 International conference/workshop/seminar	Workshop Proceedings					
C4. Strategy: Compile, Collate and Share Knowledge and Experiences	4.5 Publication on Historical Water Sustainability	Publication	Finalize the publication on Historical Water Sustainability	Compile lessons learned from WHIS/ WSH		Compile lessons learned from WHIS/ WSH	
	4.6 World Historical Irrigation Structures (WHIS)	Register of WHIS	Nomination/evaluation / update register	Nomination/evaluation /update register	Nomination/evaluation / update register; Exhibition at WIF3	Nomination/evaluation /update register	
	4.7 World Water System Heritage (WSH) Program	Register of WSH	Nomination/evaluation / update register	Nomination/evaluation / update register	Nomination/evaluation / update register, Exhibition at WIF3	Nomination/evaluation / update register	
C5. Strategy: Dissemination of Data, Information, Tools, Knowledge and Know How	5.10 Producing documentary on "Historical Water Wisdom".	Documentary	Tentative gathering of the related documentaries from the member countries	Encouraging the member countries to produce documentaries on water history by presenting the prize on the best documentaries			
	5.11 Updating the WG-HIST website	Online					
	5.12 Producing documentary on "Historical Water Wisdom".						
Goal E: Encourage research and support development of tools to extend innovation into field practices							
E4. Strategy: Research on History of Irrigation and Lessons Learned from the past							
E6. Strategy: Dissemination of Useful Research Outputs	6.1 Prepare a paper on combination of old methods and new technologies		Presenting the first paper in the WG workshop and other seminars	Presenting the second paper in the WG workshop and other seminars			

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030)

