

**MINUTES OF THE 5TH MEETING OF THE
WORKING GROUP ON LAND DRAINAGE (WG-LDRG)**

05 September 2024, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)
Sydney, Australia

Strategy Theme: Irrigation and Drainage

Year of establishment: 2020

Completion of the mandate: 2026

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; organize 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, 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.

Members present: (1) VPH Dr. Willem Vlotman (Australia) – virtually participated; (2) Dr. Tao Yuan – Young Professional (China); (3) Ms. Wang Shaoli (China) – virtually participated; (4) Mr. Ardavan Azari (Iran); (5) Dr. (Ms.) Naoko Koshiyama (Japan); (6) Dr. Natsuki Yoshikawa (Japan); (7) Ir. Mohd Anuar Musardar Bin Yusoff (Malaysia); (8) Dr. Yurii Yanko (Russia) represented by VPH Irene Bondarik; (9) Mr. Sharif Mahmudov (Tajikistan); (10) Dr. Bancha Kwanyuen (Thailand) represented by Mr. Rasu Suepsahakarn; (11) Executive Director Harish Varma, ICID Central Office (India).

New nominee: (i) Dr. Ming-Che Hu (Chinese Taipei Committee); (ii) Dr. Shao-Yiu Hsu (Chinese Taipei Committee)

Office Bearers: (i) PH Dr. Chandra Madramootoo (Canada); (ii) VP Alireza Salamat (Iran)

Observers: (i) Dr. Bahrom Gaforzoda (Tajikistan)

Website: https://icid-ciid.org/inner_page/146

WG-LDRG Minutes Item 1: Action taken report by Chair

1. VPH Dr. Willem Vlotman, conducted the meeting (virtually) and welcomed all the participants to the meeting. The working group reviewed and accepted the nominations of Dr. Ming-Che Hu (Chinese Taipei Committee) and Dr. Shao-Yiu Hsu (Chinese Taipei Committee) as members as they attended the meeting. During the meeting, Dr. Vlotman invited Dr. (Ms.) Naoko Koshiyama for the position of Vice Chair and Dr. Naoko accepted the same. The group members unanimously accepted Dr. Naoko Koshiyama as Vice Chair of the group. Membership status is given in **Annex 3**, page 27.

2. Secretary of this meeting: Dr. Shao-Yiu Hsu contributed to WG-LDRG and took on the role of secretary for this meeting. Dr (Ms.) Naoko Koshiyama actively supported the secretarial activities and helped completing the minutes of the meeting and the PPT file for the PCTA with the great support of Dr. Shao-Yiu Hsu, Mr. Rasu Suepsahakarn, Dr. Ming-Che Hu and Dr. Natsuki Yoshikawa.

WG-LDRG Minutes Item 2: Brief of the virtual meeting organized in 2024

3. The group discussed the Road Map to ICID Vision 2030 and provided the latest updates to PCTA (**Annex 1**). The chair encouraged all the group members to prepare their country papers and share them with the Chair.

WG-LDRG Minutes Item 3: Road Map to ICID Vision 2030 - Status of activities on drainage

WG-LDRG Minutes Item 3.1: Progress on publications of WG-LDRG members

4. The Chair discussed and suggested that four country papers on drainage are under preparation for publishing i.e. Australia, Netherlands, Finland, a. o.

WG-LDRG Minutes Item 3.2: Work plan of the working group

5. The Chair provided further updates on the work plan of the group at the meeting.

WG-LDRG Minutes Item 4: Updating database on ‘Drained area in the world’

6. The Chair invited members to review and update the database of drained areas available at https://icid-ciid.org/icid_data_web/World-drained-areas.pdf

WG-LDRG Minutes Item 5: Updating Multilingual Technical Dictionary (MTD)

7. Chair invited members to share their views on the issue of updating Multilingual Technical Dictionary (MTD) terms related to the mandate of the WG.

WG-LDRG Minutes Item 6: 14th International Drainage Workshop (IDW) in 2024, Tajikistan

8. Mr. Sharif Mahmudov from the Tajikistan National Committee on Irrigation and Drainage (TajNCID) provided a brief report of the 14th International Drainage Workshop (IDW) held from 30 May to 1 June 2024 in Dushanbe, Tajikistan wherein 200 participants from more than 20 countries attended. Usually the ICID Journal Editor offers to devote a special for selected papers of the workshop, but I do not think this has been considered by the current editor in chief of the Journal. TajNCID is encouraged to prepare a pdf version (high quality) of the proceedings that includes all papers. The can then be made available on the ICID website, as a publication by WG-LDRG.

WG-LDRG Minutes Item 7: ICID Members' Profile Section

9. During the online meeting on 15 February 2024, the chair invited members to review and update their profiles on the ICID webpage. During the Sydney meeting, the Chair invited all members to update their information using their credentials to maintain accurate information.

WG-LDRG Minutes Item 8: World Irrigation and Drainage Schemes (WI&DS)

10. The Chair provided information on the World Irrigation and Drainage Schemes (WI&DS) database and encouraged members to submit qualifying schemes for registration. During the Sydney meeting, the Chair encouraged all irrigation and drainage scheme owners, managers, and researchers worldwide who qualified, especially in their respective countries, to contribute to the register.

WG-LDRG Minutes Item 9: Any other business (with permission of Chair)

11. The Chair informed that the Iranian National Committee on Irrigation and Drainage (IRNCID) brought out two volumes on “Drainage and Environment.” The documents were introduced by Mr. Alireza Salamat, Vice President of ICID. The documents have been published by IRNCID but are still being reviewed for the international version (English edition). In addition, the Chair presented a country report on drainage in Australia.



Annex 1 [Item 3.2]

THREE-YEAR ROLLING PLAN OF WG-LDRG

To be updated after every WG-LDRG meeting (virtual, * in-person meeting)

Particulars/Mandate/Subject	Actor(s)	2023 Meeting no	2024 Meeting no	2025 Meeting no
Drained Areas in the World	Central Office	4, 6	8, 10*	12, 14*
Multi Technical Dictionary	Central Office	5, 7*	9, 11	13, 15
Presentations during WG-LDRG meetings	Members and Permanent Observers, Chairman, and Central office to follow up	7* - 74th IEC, Vizag	10* - 75th IEC, Sydney. Sep 01, 2024 - Sep 07, 2024	14* - 76th IEC Kuala Lumpur. Sep 07, 2025 - Sep 13, 2025
Country papers: - Finland - Australia - ...	Members and Observers: - Olle Häggblom - Willem Vlotman - ...	4, 5, 6, 7*	8, 9, 10*, 11	12, 13, 14*, 15
Drainage Workshop Vizag	Willem F. Vlotman, Central Office	7* Vizag**	-	-
International Drainage Workshop IDW14 Tajikistan	Mr. Sharif Mahmudov (Dr. Bahrom Caforzoda, Secretary TajNCID)	5, 6, 7* (Vizag)	9* (IDW14)	-
Future IDWs; i.e. IDW15, etc.	Members and Permanent Observers*	-	10*	14*
Bankless Irrigation and effect on drainage; discussion paper and journal paper	Evan Christen	6	10*	
Paper on dry drainage	Jingwei Wu, Wuhan University	6, 7****		
Capiphone drain, information paper	Willem F. Vlotman, Geoffrey Fenn	7*	10*	
Paddy field drainage, information paper	Dr. (Ms.) Naoko Koshiyama (Japan)	7*		
Regulated drainage of peat lands	Olle Häggblom, Bart Schultz	7***	8	
Rock drainage	Peter Lee	6 ✓		
Hydroluis drain	Dr. (Ms.) Bilge Omar and others	7* - 74th IEC, Vizag		

* = in person meeting

** = proceedings drainage workshop: https://icid-ciid.org/icid_data_web/25CongWorkshop-LDRG.pdf

*** = to be followed up with European Working Group

**** = not received to date 9/7/24; activity to be removed.

