

**MINUTES FOR THE
1ST VIRTUAL MEETING OF THE
WORKING GROUP ON LAND DRAINAGE (WG-LDRG)**
30 June 2022, 15:00 hour (IST)
Strategy Theme: Scheme
Presented by the Chair

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.

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

1. The Chair Bernard Vincent welcomed all the members and briefed on the latest status on the action point. The Chair asked the all members to present a brief report on the actions taken on the decisions and proposals of the working group at its last meeting held in November 2021 in Morocco.

2. In March 2022, Dr. Waleed Hassan AbouElHassan from the Food and Agriculture Organization of the United Nations (FAO) submitted the nomination of Dr. Sasha Koo-Oshima for membership in WG. The group considered the nomination of Dr. Sasha Koo-Oshima as a Permanent Observer from FAO. In June 2022, requested the National Committee of Estonia (ESTICID) to confirm the membership of Mr. Mati Tonismae however, response is awaited. The updated membership of the working group is given as **Annex 1**.

WG-LDRG Agenda Item 1: Road Map to ICID Vision 2030 – Status of activities on drainage

3. The Chair discussed and update the Road Map to ICID Vision 2030 in consultation with the members of the group seeing the new mandate of the working group (refer **Annex 2**).

WG-LDRG Agenda Item 2.1: Progress on the publication on dry drainage

4. The chair discussed that in the Morocco meeting, WG members considered bringing out the publication of the working group besides exchange of information and overview of key books and other publications, collecting and reviewing manuals, guidelines, codes of practice, etc. At the meeting, members also discussed various aspects to get the maximum technical benefit while reviewing the publication. While considering the drastic increase of salt-affected areas, and considering that small-income farmers cannot afford modern drainage systems, the group suggested that new publications should promote low-cost drainage techniques. During the meeting, it was proposed that a task force led by Dr. Jingwei Wu from China may develop a scientific paper on dry drainage.

5. Accordingly, the ICID Central Office has contacted Dr. Jingwei Wu and requested him for preparation of a paper on dry drainage. In response, on 23 February 2022, Dr. Jingwei Wu informed that he has conducting the Chair for the preparation of a paper.

WG-LDRG Agenda Item 2.2: Work plan of the working group

6. The Chair discussed the six-year rolling of the working group with the members and update it as per the ongoing activities of the WG (refer **Annex 3**).

WG-LDRG Agenda Item 2: Information on 14th International Drainage Workshop (IDW) by Chair

7. In April 2022, the Tajikistan National Commission on Irrigation and Drainage (TajNCID) has submitted a proposal to organize the 14th International Drainage Workshop (IDW) on the topic “Modernization of irrigation and drainage systems for adaptation to climate change and sustainable development” in September 2023 in Dushanbe in the Republic of Tajikistan.

8. During the 1st virtual meeting of the Management Board (MB) held on 4 May 2022, the MB noted the proposal received from Mr. Zuhurzoda Bahrullo, Deputy Director, Agency for Land Reclamation and Irrigation under the Government of the Republic of Tajikistan and Deputy Chairman of TajNCID for hosting the 14th International Drainage Workshop (IDW) in Dushanbe, Tajikistan in September 2023. MB appreciated the willingness of TajNCID to host the 14th IDW. Members may like to discuss contributing to IDW and their participation in the workshop.

WG-LDRG Agenda Item 3: Information on deficit irrigation and discussion on drainage issues

During the Morocco meeting, Chair noted that the group members were not aware of what deficit irrigation is and it is a big surprise and big gap. Considering the research skills of President Dr. Ragab Ragab. The chair invited the President for presenting deficit irrigation techniques via a webinar. Dr Ragab Ragab explained the basic concept and definition of deficit irrigation that it is a water management strategy that concentrates the application of limited seasonal water supplies on moisture-sensitive crop growth stages to maximize the productivity of applied water. He also shared the basic calculations of crop water requirement savings with examples.

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

9. At virtual meeting , the group discussed and reviewed the updated database of drainage area which is available available at https://icid-ciid.org/icid_data_web/World-drained-areas.pdf. Members are once again requested to share the latest drained area in consultation with their National Committee/ Committee to Central Office for updating it on ICID website.

10. The chair requested to share the latest drained area in consultation with their National Committee/ Committee to ICID Central Office for updating the same on the website.

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

11. WG members may like to discuss the updating of Multilingual Technical Dictionary (MTD) terms related to the mandate of the WG during the meeting - [ICID-MTD \(icid-ciid.org\)](https://icid-ciid.org).

WG-LDRG Agenda Item 6: Any other business (with permission of Chair)

12. During the Morocco meeting, the Chair informed the group members about the new initiative of the **ICID Members' Profile Section**. ICID Central Office vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their account and change their password to maintain accuracy.

13. In February 2022, Dr. Gehan Abdel Hakeem Sallam (Egypt) with the help of the ICID Central Office, updated her profile and photo on the WG-LDRG website. Members are requested to review and update their information using their credentials and help to maintain accurate information.

14. **Register on World Irrigation and Drainage Schemes (WI&DS):** During the Morocco meeting, the Chair briefed about ICID’s initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on “World Irrigation and Drainage Schemes (WI&DS)”. WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of command area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair encouraged members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.



A. Membership of the Working Group

No.	Members	Country	Remarks
1.	Mr. Bernard Vincent	France	Chairman
2.	Dr. Momon Sodik Imanudin	Indonesia	Vice Chairman
3.	Mr. Fazal Rehman Kashif	Pakistan	Secretary
4.	Ms. Wang Shaoli	China	Member
5.	Prof. Wu Jingwei	China	Member
6.	Dr. Tao Yuan - Young Professional	China	Member
7.	Dr. Luo Wenbing - Young Professional	China	Provisional Member
8.	Dr. Hao-Che Ho	Chinese Taipei Committee	Member
9.	Prof. Cheh-Shyh Ting	Chinese Taipei Committee	Provisional Member
10.	Eng. Mohamed Saleh El-Basyony	Egypt	Member
11.	Eng. Maiada Mohamed Anwar	Egypt	Member
12.	Eng. Dina Mahmoud Mohamed Ali - Young Professional	Egypt	Member
13.	Dr. Gehan Abdel Hakeem Sallam	Egypt	Member
14.	Mr. Mati Tonismae	Estonia	Member
15.	Ms. Helena Aijo	Finland	Member
16.	Dr. Gurbachan Singh	India	Member
17.	Prof. LB Roy – Direct Member	India	Member
18.	Dr. Ratan Chand Jain	India	Member
19.	Dr. Deepak Khare	India	Provisional Member
20.	Mr. Ardavan Azari	Iran	Member
21.	Mr. Ammar Al-Khafaji	Iraq	Member
22.	VPH Shinsuke Ota	Japan	Member
23.	Dr. (Ms.) Naoko Koshiyama	Japan	Member
24.	Dr. Natsuki Yoshikawa	Japan	Member
25.	Ir. Mohd Anuar Musardar bin Yusoff	Malaysia	Member
26.	Dr. Yurii Yanko	Russia	Member
27.	Prof. Aidan Senzanje	South Africa	Member
28.	Dr. Bancha Kwanyuen	Thailand	Member
29.	Mr. Ekasit Kositsakulchai	Thailand	Member
30.	Dr. Peter Johnson	United Kingdom	Provisional Member
31.	Dr. Mangliyev Abdukhalil Abdusattorovich	Uzbekistan	Provisional Member

B. New nomination received from the International Organization

Sr. No.	Name	Country/ Organization	Remarks
1.	Dr. Sasha Koo-Oshima	FAO	Recommended as a Permanent Observer

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2021	Milestone for year 2022	Milestone for year 2023	Milestone for year 2024	Milestone for year 2024	Milestone for year 2025	Milestone for year 2026
Goal C: Facilitate exchange of information, knowledge and technology									
C4. Strategy: Compile, collate and share knowledge and experiences	4.23 Collection and compilation of drainage irrigation data	Database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating database	Updating database
Goal E: Encourage Research and Support the Development of Tools to Extend Innovation into Field Practices									
E5. Strategy: Compilation of Global Data Sets on Irrigation and Drainage	5.3 Datasets for Drainage Area								

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

Six-Year Rolling Plan of the working group

Particulars/ Mandate	2020	2021	2022	2023	2024	2025	2026	Actor (s)
Mailing of Scoping Document to members of WG-SDRG and NCs								Central Office
Comments received on Scoping Document								Established Team
Finalizing Scoping Document and detailing of the Work plan								Established Team and Central Office
Invitation to NCs for nominations								Central Office
Submission of nominations								National Committees
1st Meeting, Approval of document and acceptance of nominees								Members and Permanent Observers
Exchange of information and overview of key books and other publications								Members and Permanent Observers
Collecting data of world drained area								Members and POs
Collaboration to organize the 14th International Drainage Workshop, if any								Members, POs and Central Office
Preparation and presentation of reports and/or case studies								Members and POs
Collecting and reviewing manuals, guidelines, codes of practice, etc.								Members and POs
2nd Meeting of WG in the next meeting of ICID, including Workshop								Members and POs
Preparing ICID codes of practice and standards for drainage systems								Some members
3rd Meeting of the WG								Members and POs
Evaluation of WG activities and update mandates								Some Members
Preparation of an overview paper on state of the art for publication in IRD Journal								Some members
4th Meeting of WG including Workshop								Members and POs
Collaboration to organize the 15th International Drainage Workshop, if any								Members, POs and Central Office
5th Meeting of WG								Members and POs
6th Meeting of WG including Workshop								Members and POs
Planning for establishing the new WG								Some Members



Members present during the online meeting on 30 June 2022

