

**AGENDA FOR THE 6TH MEETING OF THE
WORKING GROUP ON IRRIGATION AND DRAINAGE IN THE STATES UNDER
SOCIO-ECONOMIC TRANSFORMATION (WG-IDSST)**

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

Strategy Theme: Natural Resources

Year of Establishment: 2018

Completion of the Mandate: 2024

Mandate: (a) to develop and strengthen the network among the countries of transition on the basis of establishment of monitoring and evaluation of common problems in the States and bring it to the attention of decision-makers in states; (b) to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population; especially related to climate change and ability to adapt to it; (c) to promote implementation of IWRM and broad-basing of stakeholders by popularizing the case studies and best practices explaining the real content of IWRM principles; (d) to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Lake Chad, Lake Victoria, Caspian Sea), rivers deltas, salinization and water logging, land desertification etc.; (e) to collect appropriate advance irrigation and drainage technology for use in transition states and its dissemination through capacity building; to promote involvement young specialists as providers of these innovations; pay specific attention to use of RS technology in I&D; (f) to promote farmer's and WUAs training to create awareness about agricultural water management; (g) to increase the efficiency and functioning of the WG, intensify collaboration with other countries to share best practices and experience for development of irrigation and drainage in the States under socio-economic transformation.

Website: http://icid-ciid.org/inner_page/114

WG-IDSST Agenda Item 1: A Brief Report on the Restructuring of WG by the Chair

1. At the 74th International Executive Council (IEC) meeting in Vizag, India, a proposal for the restructuring of the Working Groups was discussed and approved. Among the existing 18 working groups, 9 working groups completed their mandate in November 2023. The remaining working groups have been structured into 11 new working groups under four themes: (1) Irrigation and Drainage; (2) Natural Resources; (3) Climate Change and Impacts; and (4) Sustainable Development. Under these four themes, the WG-IDSST has been included in theme 2 (Natural Resources). As per the structure approved by PCTA, a new group - Working Group on Irrigation and Drainage in the States under Socio-Economic Transformation (WG-IDSST) has been formed.

2. Chair Prof. Kovalenko/ Vice Chair Mr. Momir Vranes/ Secretary Dr. Kenjabaev will provide a brief report on the structure of the new WG-IDSST.

WG-IDSST Agenda Item 2: Discussion on the Scoping Document

3. The ICID Central Office has contacted the Chair, Vice Chair, and Secretary and requested them to prepare the draft Scoping Document for the establishment of a new WG-IDSST however, a response is still awaited. Members may discuss the preparation of the draft Scoping Document during the meeting.

4. The following nominations have been received for the membership of the new WG-IDSST:

- (a) Dr. Chih-Hung Tan (Chinese Taipei Committee)
- (b) Dr. Shu-Han Hsu (Chinese Taipei Committee)
- (c) Dr. Pongsak Suttinon (Thailand)
- (d) Dr. Vadim Sokolov (Uzbekistan)
- (e) Mr. Juraev Ilkhom Usmanovich (Uzbekistan)

5. The membership of WG-IDSST is given in **Annex 1** (refer to the electronic version for the latest list). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

WG-IDSST Agenda Item 3: Election of Chair, Vice Chair, and Secretary of restructured new WG

6. The group members will discuss and elect a Chair, Vice Chair, and Secretary for the new WG during the meeting.

WG-IDSST Agenda Item 4: Road Map to ICID Vision 2030 – Activities in the States under Socio-Economic Transformation

7. The Action Plan of the Road Map to ICID Vision 2030 of the erstwhile WG-IDSST is given as **Annex 2**. The group will discuss and prepare the new Action Plan for the Road Map to ICID Vision 2030 as per the mandate of the proposed new WG-IDSST at the meeting.

8. During the Vizag meeting, Vice Chair Mr. Momir Vranes agreed to prepare a draft of the work plan in consultation with the group members (refer to **Annex 3**). In February 2024, the ICID Central Office requested Mr. Momir to update the work plan however, the response is awaited. Mr. Momir will provide further updates at the meeting.

WG-IDSST Agenda Item 5: Activities of the Working Group – Publication/ Report/ Guidelines

9. The new WG will review and undertake the pending activities of the working group of WG-IDSST.

WG-IDSST Agenda Item 5.1: Develop and Strengthen the Network Among the Transition States

10. Members of the WG-IDSST agreed to host the CAWater-info website (http://www.cawater-info.net/index_e.htm) to exchange information between countries. During the Adelaide meeting, the WG discussed the issue of developing this website and the possibility of opening a window/ platform on the website for the exchange of opinions however, more actions are needed on this issue. The Chair/ Vice Chair/ Secretary will provide further updates at the meeting.

WG-IDSST Agenda Item 5.2: Database of I&D in the states in transition

11. During the virtual meeting, the meeting participants agreed that each country would collect material regarding experience, good practices, and assessments of the current irrigation and drainage situation in the countries. The material will be posted on the CAWATER-Info website for public access (http://www.cawater-info.net/index_e.htm). Members of the working group were encouraged to prepare inputs on experiences, best practices, and assessments of the current situation in irrigation and drainage in their countries. In February 2024, the ICID Central Office requested all members to share the current situation in irrigation and drainage in their countries however, the response is awaited. The Chair/ Vice Chair/ Secretary will provide further updates at the meeting.

WG-IDSST Agenda Item 5.3: Case studies and best practices of IWRM

12. During the Vizag meeting, Dr. Wahba requested all members to share their successful and best practices case studies so that they can be discussed in the Australia meeting. In February 2024, the ICID Central Office requested all members to share case studies and best practices of IWRM however, the response is awaited. The Chair/ Vice Chair/ Secretary will provide further updates at the meeting.

WG-IDSST Agenda Item 5.4: Monitor and evaluate the ecological parameters in transition countries

13. During the Vizag meeting, Dr. Wahba informed the members about the World Bank project in Cambodia and India and presented during the conference about using remote sensing with a simple questionnaire to farmers, engineers, communities, and authorities for assessment evaluation of existing irrigation and drainage. These tools are simple, easily available, and very useful for those reasons. Dr. Wahba shared with the WG (Towards RS-IPMS for the Indian Irrigation Sector) which is available on the ICID website at https://icid-ciid.org/icid_data_web/ReportTRSGP-MeasurementSystem.pdf Chair/ Vice Chair/ Secretary will provide further updates at the meeting.

WG-IDSST Agenda Item 5.5: Capacity building in transition countries

14. During the Vizag meeting, Dr. Wahba informed the group about the achievements of AFRWG and Af-YWP-Forum and recommended doing similar activities in other regions for young professionals. Dr. Wahba also suggested considering the Capacity Building & Development of smallholder farmers and women as important partners of IWRM and informed the group that he is ready to support it. The Chair/ Vice Chair/ Secretary will provide further updates at the meeting.

WG-IDSST Agenda Item 6: ICID Members' Profile Section

15. As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <<https://icid.bmeurl.co/C7D4D2E>> informed all members on how to access their accounts and change their passwords to maintain accuracy. Members are requested to review and update their information using their

credentials and help us to maintain accurate information. For more information, please refer to inside back cover page.

WG-IDSST Agenda Item 7: World Irrigation and Drainage Schemes (WI&DS)

16. ICID has taken the 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 the National Committee/ ICID Central Office for inclusion are entitled to Certification. The chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world, especially in their respective countries to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.

WG-IDSST Agenda Item 8: Any other business (with permission of Chair)



NOTES FOR CHAIRPERSON:

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Sydney, Australia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 06 September 2024.

Annex 1 [Appendix XVI, Item 2]

A. Membership of WG-IDSST

Sl. No.	Members	Country	Remarks
1.	VPH Prof. Peter Kovalenko	Ukraine	Chairman
2.	Mr. Momir Vranes	Australia	Vice Chair
3.	Dr. Shavkat Makhmudjanovich Kenjabaev	Uzbekistan	Secretary
4.	Dr. (Ms.) Yawen Chiueh	Chinese Taipei Committee	Nominated for new WG-IDSST
5.	VPH Dr. Mohamed Wahba	Egypt	
6.	Mr. Rajni Kant Agrawal, Direct Member, WAPCOS Ltd.	India	
7.	Dr. Katsuyuki Shimizu	Japan	
8.	Mr. Rifaquat Ali	Pakistan	
9.	Dr. Usman Khalid Awan	Pakistan	
10.	Dr. Alexander Solovyev	Russia	
11.	Mr. Burhan Yavuz	Turkey	
12.	Dr. Hayreddin Erşan	Turkey	
13.	Dr. Andrii Shatkovskiy	Ukraine	
Permanent Observers			
14.	Prof. Daene C. McKinney (IWRA)		
15.	FAO Representative		
16.	World Bank representative		

B. New nominations received from the National Committee/ Committee

Sr. No.	Name	Country/ Organization	Remarks
1	Dr. Chih-Hung Tan	Chinese Taipei Committee	Recommended as a member, subject to his presence else provisional member
2	Dr. (Ms.) Shu-Han Hsu	Chinese Taipei Committee	Recommended as a member, subject to her presence else provisional member
3	Dr. Pongsak Suttinon	Thailand	Recommended as a member, subject to his presence else provisional member
4	Dr. Vadim Sokolov	Uzbekistan	Recommended as a member, subject to his presence else provisional member
5	Mr. Juraev Ilkhom Usmanovich	Uzbekistan	Recommended as a member, subject to his presence else provisional member



Annex 2 [Appendix XVI, Item 4]

ROAD MAP TO ICID VISION 2030 - ACTIVITIES OF WG-IDSST

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024	Responsibility
Goal A: Enable higher crop productivity with less water and energy									
	The Development of drip irrigation systems and technologies in countries. Irrigation and water use efficiency in small-scale farms	Widespread adoption of water- saving technologies in countries. Countries experience on methods and approaches for effective irrigation on small farms		1. Overview of water- saving technologies in countries. 2. Exchange of experience 3. Overview of experience on methods and approaches for effective irrigation on small farms in countries. 4 Exchange of experience	Methods and tools to reduce unproductive losses in irrigation. Assessment of water availability in Central Asia based on WUEMOCA. Methods and approaches for effective irrigation on small farms	Methods and tools to reduce unproductive losses in irrigation. Assessment of water availability in Central Asia based on WUEMOCA. Methods and approaches for effective irrigation on small farms	Methods and tools to reduce unproductive losses in irrigation. Assessment of water availability in Central Asia based on WUEMOCA. Methods and approaches for effective irrigation on small farms		
Goal B: Be a catalyst for change in policies and practices									
	Publication	Technical paper	A review of the experience of leading countries in the effective management of water resources	Overview of scientific advances in countries to reduce unproductive losses in irrigation.	Overview of scientific advances in countries to reduce unproductive losses in irrigation.	Overview of scientific advances in countries to reduce unproductive losses in irrigation.	Overview of scientific advances in countries to reduce unproductive losses in irrigation.		
Goal C: Facilitate exchange of information, knowledge and technology									
C1. Strategy: Providing Knowledge-sharing Platform for AWM Professionals	3.1 Develop and strengthen the network	Establishment of communication between countries on the rapid exchange of information Web- Portal organization.		Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.	Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on the effective management of water resources	
	3.2 Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition		Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition	Database on irrigation and drainage in the countries of transition	
Goal E: Encourage research and support development of tools to extend innovation into field practices									
	5.1 Interaction between countries in studies of remote monitoring of water resources and water use	Introduction of remote sensing and remote control of water use and water resources management		Research and exchange of experience between countries in the widespread introduction of remote sensing in monitoring water metering at water bodies	Research and exchange of experience between countries in the widespread introduction of remote sensing in monitoring irrigated fields and crops				
Goal F: Facilitate capacity development									
F3. Strategy: Technical Training of Young Professionals from Member Countries	Organize training Workshop	Training Workshop	Organize Training Workshop		Organize Training Workshop	Organize Training Workshop	Organize Training Workshop	Organize Training Workshop	

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

Annex 3 [Appendix XVI, Item 4]

WG-IDSST WORK PLAN

Activity	Outcomes/ Outputs	2020	2021	2022	2023	2024
(a) to develop and strengthen the network among the countries of transition on the basis of establishment of monitoring and evaluation of common problems in the States and bring it to the attention of decision-makers in states;	Created Web-Portal for continuous communication between countries	1. Based on the Web Sit CAWATER.Info http://cawater-info.net/water_world/index.htm create an ICID window, WG IDSST. 2. Exchange of information on monitoring and evaluation of common problems.	Web Portal Development	Web Portal Development	Web Portal Development	Web Portal Development
(b) to create database and exchange of information about changing situation in Irrigation and Drainage in these States and to attract global and national attention to existing trends affecting global and national food security and wellbeing of rural population; especially related to climate change and ability to adapt to it;	A database was created based on the CAWATER.Info Portal http://cawater-info.net/water_world/index.htm	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries. 2. Information in countries on irrigation and drainage due to climate change.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries. 2. Information in countries on adaptation of irrigation and drainage and agriculture to climate change.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries.	1. Exchange of experience and information between countries on changing situations in irrigation and drainage in countries.
(c) to promote implementation of IWRM and broad-basing of stakeholders by popularizing the case studies and best practices explaining the real content of IWRM principles;	Publication	Widespread adoption of IWRM principles in countries	Overview of countries' experiences in implementing IWRM	Obstacles in countries in implementing IWRM	Overview of countries' experiences in implementing IWRM	Overview of countries' experiences in implementing IWRM
(d) to monitor the ecological situation in the transition states, including problems of closed basin (Aral Sea, Lake Chad, Lake Victoria, Caspian Sea), rivers deltas, salinization and water logging, land desertification etc.;	Overview of environmental monitoring results in countries, including closed basin problems	Collection of monitoring information and facilitate in their implementation	2. Exchange of experience	2. Exchange of experience and decision	2. Exchange of experience and decision	2. Exchange of experience and decision
(e) to collect appropriate advance irrigation and drainage technology for use in transition states and its dissemination through capacity building; to promote involvement young specialists as providers of these innovations; pay specific attention to use of RS technology in I&D;	Countries have access to information from other countries through the Web-portal on advanced technologies in irrigation and drainage. Young professionals trained to spread innovation	Overview of advanced water-saving technologies and remote sensing tools in countries	2. Exchange of experience	Overview of scientific advances in countries to reduce unproductive losses in irrigation.	Overview of scientific advances in countries to reduce unproductive losses in irrigation.	Overview of scientific advances in countries to reduce unproductive losses in irrigation.

Activity	Outcomes/ Outputs	2020	2021	2022	2023	2024
(f) to promote farmer's and WUAs training to create awareness about agricultural water management;	Training materials and modules prepared for farmers and WUAs in countries	A review of existing methods, approaches, technologies that allow effective management of irrigation water at the level of WUA farms.	2. Exchange of experience	Preparation of training modules from each country for training farmers and WUAs on advanced water use technologies	Preparation of training modules from each country for training farmers and WUAs on advanced water use technologies	Preparation of training modules from each country for training farmers and WUAs on advanced water use technologies
(g) to increase the efficiency and functioning of the WG, intensify collaboration with other countries to share best practices and experience for development of irrigation and drainage in the States under socio-economic transformation.	Develop and strengthen the network	Establishment of communication between countries on the rapid exchange of information Web- Portal organization.	Exchange of experience between countries on the effective management of water resources	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.	Exchange of experience between countries on methods and tools to reduce unproductive losses in irrigation.

