



NEWS UPDATE

A Water Secure World Free of Poverty and Hunger through Sustainable Rural

APRIL 2023

From Secretary-General's Desk...

Dear Colleagues,

Greetings from ICID, New Delhi.



As you all are aware that the 25th International Congress on Irrigation and Drainage and the 74th International Executive Council meeting is being organised by Indian National Committee of ICID (INCID) on the theme **'Tackling Water Scarcity in Agriculture'** from 1-8 November, 2023 at Radisson Blue Resort, Visakhapatnam (Vizag), Andhra Pradesh, India.

The Call for Papers for submitting abstracts for the main theme of the event 'Tackling Water Scarcity in Agriculture' and two questions, Question 64 'What Alternative Water Resources could be Tapped for Irrigated Agriculture?' and Question 65 'What On-Farm Techniques can Increase Water Productivity' has already been issued along with the international workshops on the topic 'The Water-Energy-Food-Nexus: Implementation and Examples of Applications'; 'Innovated Agricultural Water Management under Climate Change' and 'State of Drainage Worldwide'. Additionally, the submissions of entries' for the annual ICID awards including Watsave Awards, World Heritage Irrigation Structures (WHIS), Best Performing National Committee Award (BPNCA-7) and Best Performing Workbody Award (BPWA-6) are also open till 30th June 2023.

I encourage the members of all National Committees, water and agriculture professionals, policy makers for their contribution of technical papers, nominations for the awards and participate in the event in large nos., to discuss and deliberate on the themes of the Questions highlighted and the

International Workshops being organized during the Congress. I am sure that all our national and international delegates are going to have a wonderful learning and networking opportunity during this event.

Among the most prominent dialogues of recent times, ICID discussed and have exchange of views on the study on water security in the administrative territory of Uzbekistan, which is crucial for the achievement of sustainable development goals for most countries, including Uzbekistan. Some of the key points like increase quantity of hydrological and meteorological observation in order to improve water monitoring and accounting, ensure accessibility and transparency of the data on all water security dimensions; against the background of continuous population growth and expansion of residential areas, cities and settlements, it is necessary to take effective measures to radically improve the water supply system. More details are provided in the Newsletter.

ICID has presented a Webinar on Tsunami / Tidal Wave Protection in Japanese Case, on 19th April 2023, the most devastating damage in recent years was the huge tsunami caused by the Great East Japan Earthquake of March 11, 2011. The earthquake generated the largest tsunami in Japan's recorded history, which struck the Pacific side of the Tohoku region and caused extensive damage. This webinar presented information on the condition of coastal areas in Japan and past disasters, particularly the Great East Japan Earthquake and subsequent coastal facility preservation efforts. ICID introduced the research on the recovery situation from tsunami-induced groundwater salinization for the restart of agricultural groundwater use.

Floods and droughts are some of the most tangible – and devastating – consequences of the climate crisis. They increasingly affect communities across the planet. To focus on the important

issue, a Workshop on "Improving Flood and Drought Governance: Applying the EPIC Response Framework" organized by World Bank, WMO, Global Water Partnership and Deltares on 28th April, 2023 – New Delhi, to disseminate the World Bank's flagship report on hydro-climatic risk management: "An EPIC Response: Innovative Governance for Flood and Drought Risk Management"; explore governance challenges & generate recommendations for improving flood and drought risk management at the national and State levels in India. The outcome of the workshop is understanding of the EPIC Response Framework; how it can be applied and how international organizations (World Bank, WMO, GWP, IWMI, etc) can help to improve flood and drought governance in India.

Moving forward, several other major ICID events are lined up for the upcoming year. Details of other upcoming events are also given in the newsletter. The 25th Congress and the 74th IEC Meeting in Vizag city of Southern India in November 2023, hosted by the Indian National Committee on Irrigation and Drainage (INCID), Ministry of Jal Shakti (MoWR), Gol and Government of Andhra Pradesh. Please visit 25Congress-Welcome-ICID (icid-events.org) for more details.

I'm looking forward to welcoming the ICID Family – old friends as well as newcomers in November 2023 at Vijayawada, Andhra Pradesh, India and thank you for your continued support.

With warm regards,

A.B. Pandya
Secretary General

ICID organized a webinar on 'Tsunami / Tidal Wave Protection in Japanese Case', 19 April 2023

ICID, in collaboration with the Watershed Management Group in the Institute for Rural Engineering, National Agriculture and Food Research Organisation (NARO), Tsukuba, Ibaraki, Japan, organised a webinar on 'Tsunami / Tidal Wave Protection in the Japanese Case' on April 19.

The session was attended by Dr. Hiroki Minakawa (Japan), Dr. Takeo Tsuchihara (Japan), Dr. Katsushi Shirahata (Japan), and Prof. Ruey Chy Kao (Taiwan), Chair, WG-SDTA. ICID was represented by President Prof. Dr. Ragab Ragab, Secretary General Er. A.B. Pandya, and Executive Director Er. H.K. Varma. Er. H.K. Varma delivered the welcome note, introducing all the speakers. Secretary General Er. A.B. Pandya delivered an introductory note about tsunami /tidal protection, with a focus on Japan.

The webinar discussed how the unique location of Japan atop four tectonic plates: the Pacific, North American, Eurasian and Filipino plate makes it vulnerable to the vertical and horizontal tectonic plate movements, frequently giving rise to extreme oceanic currents. Japan is also prone to natural hazards including earthquake and tsunami events.

The webinar presented information on the condition of the coastal areas of Japan and past disasters, particularly the Great East Japan Earthquake, their impacts, research, and rehabilitation. The webinar also introduced the research conducted by the National Agriculture and Food Research Organisation (NARO), Tsukuba, Ibaraki, Japan, which included implementation of strategies and policies for post-earthquake recovery, desalination of ground water, technology used for ground water hydrology which is important for the recovery of ground water source, ground water data, satellite mapping, rocks, aquifer studies,

Background

Japan is an island country on the Pacific Ocean, located east of the Asian continent. It comprises a land area of about 380,000 km² (38,000,000 ha). Its coastal areas, at elevations 10 m or less are classified as the lowlands. Interestingly, it comprises only 6% of land area but accommodates approximately 30% of the entire population. Rice or paddy cultivation is a main measure of agricultural production. Focusing on agricultural land, about 450,000 ha, which is about 13% of the total agricultural area in Japan (3,450,000 ha), is distributed across its lowland areas at elevations of 10 m or less. The lowlands across the coastal areas of Japan are therefore considered



etc. Dr. Hiroki Minakawa, of Institute for Rural Engineering, National Agriculture and Food Research Organisation (NARO), Japan, in his presentation highlighted the (i) situation of the coastal areas of Japan (ii) coastal protection zone (iii) features of the farmland behind coastal areas (iv) damage caused by natural disasters in Japan (v) water-related hazards around the coastal areas, including tsunamis, storm surges, and heavy rains (vi) coastal zone management strategy in Japan (vi) NARO's studies related to restoration following tsunamis (vi) concept of disaster prevention farmland (vii) contribution to the rehabilitation of rural areas.

Dr. Takeo Tsuchihara, principal researcher at the Institute for Rural Engineering (NARO), Japan presented his research based on field surveys, discussing the recovery situation from tsunami induced groundwater salinization in Japan. He talked about the case study of the "Great East Japan Earthquake 2011" and their consequences including the (i) salt water intrusion in coastal aquifers (ii) groundwater salinization and recovery

to be very important. On the other hand, Japan is also a country that frequently experiences natural disasters such as typhoons, storm surges and earthquakes; which brings serious damage to the coastal area. Countermeasures dealing with the impact of such disasters are therefore urgently required.

Among these, the most devastating damage in recent years was the huge tsunami caused by the Great East Japan Earthquake of March 11, 2011. The magnitude of the earthquake was recorded as 9.0 on the Richter scale, making it the 4th largest earthquake in the world

after the tsunami (iii) Measurement of the electrical conductivity for groundwater (iv) Critical profile of electrical conductivity for ground water (v) irreversible saltwater aquifers (vi) relation between EC and distance from coastline (vii) Multiple factors forming freshwater layers (viii) Restored paddy rice fields. Dr. Katsushi Shirahata, principal researcher at the Institute for Rural Engineering, NARO, Japan, delivered a presentation on "Study on Aquifers Hydraulic Properties Using the Tidal Response Method for Groundwater Resources Development". The webinar also included a question answer session and general discussions with the participants. President Prof. Dr. Ragab Ragab thanked all the speakers and participants for their valuable inputs on the importance of coastal protection for the island countries, including Japan. The closing remarks were delivered by Hj. Nor Hisham Bin Mohd Ghazali (Malaysia), Vice Chair, and P. Kumar Reddy Gollapalli (India), Secretary, WG-SDTA. For full access to the webinar, please click on the link: <https://www.youtube.com/watch?v=OkcQQMOzVku&t=45655>

since 1900. The earthquake generated the largest tsunami in Japan's recorded history, reaching a height of more than 30 m, which struck the Pacific coast of the Tohoku region causing extensive damage.

The agricultural sector was also severely affected; through the destruction of coastal dikes and other facilities and through the salinization of farmland and groundwater, which is used as agricultural water. In terms of damage value, the total damage to farmland and agricultural facilities alone was nearly 700 billion yen (5.2 billion dollars).



Secretary General Er. AB Pandya Represented ICID in a Workshop

Secretary General Er. AB Pandya represented ICID in a workshop on "Improving Flood and Drought Governance: Applying the EPIC Response Framework" held on April 28, 2023, organised by the Global Water Partnership in association with the World Bank, World Meteorological Organisation (WMO), Deltares (Institute for Applied Research), and India Water Partnership. The objectives of the workshop was (i) To disseminate the World Bank's flagship report on hydro-climatic risk management: "An EPIC Response: Innovative Governance for Flood and Drought Risk Management"; (ii) To share the EPIC Response Assessment Methodology and its application (Piloted in Assam); (iii) To present the Global Water Partnership/World Meteorological Organisation's Integrated Drought Management Programme (IDMP) and Associated Programme on Flood Management (APFM); (iv) To explore governance challenges and generate recommendations for improving flood and drought risk management at the national and state levels in India; and come-up with recommendations for improving flood and drought governance.



The workshop marked the presentations of Ms. Sumila Gulyani, Water Practise Head, South Asia, World Bank Group; Mr. Kushvinder Vohra, Vice President ICID and Chairman of the Central Water Commission (CWC); Greg Browder, Global Lead, Water Security and Integrated Resource Management, World Bank Water Global Practise; and Er. A.B. Pandya. The workshop covered presenting the (i) EPIC Response Report, Demonstrating the application of the EPIC

Response Framework (ii) examining flood governance challenges and opportunities at the national and state level (iii) examining drought governance challenges and opportunities at the national and state level and (iv) an expert panel discussion on recommendations for improving flood and drought governance.



New Territorial Water Security Assessment Method: Navoiy, Samarkand and Khorezm provinces of Uzbekistan.

In 2021-2022, the Scientific Information Center of the Interstate Commission for Water Coordination (SIC ICWC) in Central Asia at the request of UNESCO developed a methodology for the assessment of water security in administrative territories of Uzbekistan. The authors adapted the indicators proposed by ADB 2 by taking into account the territorial characteristics of water management in Uzbekistan and targets set in national strategic documents on agriculture, forestry, water, green economy and other related areas. The authors adapted the indicators proposed by ADB by taking into account the territorial characteristics of water management in Uzbekistan and targets set in national strategic documents on agriculture, forestry, water, green economy and other related areas. Territorial water security assessment methodology comprises of five key dimensions: 1) household, 2) economy, 3) ecosystem, 4) infrastructure, 5) human capacity.

Case studies: Water security in Navoiy, Samarkand

and Khorezm provinces of Uzbekistan

Water security in Navoiy, Samarkand and Khorezm provinces of Uzbekistan from 2010 to 2020 was assessed as pilot cases. Data sources included the State Statistical Committee, the Ministry of Water Management, the Center of Hydrometeorological Service of Uzbekistan as well as Meteocenter and Global Environmental Flow Information System.

Result: From 2010-2020 the overall water security index in Navoiy, Samarkand and Khorezm provinces of Uzbekistan was at an "engaged" level. There is a downward trend in the index in Navoiy (0.12) and Samarkand provinces (0.39), while in the Khorezm province, the index (0.49) improved from "inadequate" to "engaged" level. The decrease in the overall water security index was mainly due to a decrease in human resources in all three provinces. Also, in the Samarkand and Khorezm provinces, household water security has worsened,

and in the Samarkand and Navoiy provinces environmental water security has deteriorated.

Policy recommendations

To improve water security in three selected provinces, particular attention to the following are recommended:

- Increase quantity of hydrological and meteorological observation points in order to improve water monitoring and accounting.
- Against the backdrop of continuous population growth and expansion of residential areas, cities and settlements; it is necessary to take effective measures to radically improve the water supply system.
- Improve the quality and reliability of safe drinking water and sanitation services, especially in rural and remote areas; reduce water pollution.
- Improve the efficiency and productivity of land and water use

to meet the growing water needs of the population.

- Improve flow regulation along the Zarafshan River (Samarkand and Navoiy provinces) and operation of Amu-Bukhara Main Canal for better available water supply in the Bukhara province and Kyzyltepa district of Navoiy province.
- Improve performance of inter- and on-farm canals, irrigation and collector-drainage systems (reconstruction, rehabilitation, coating, transfer to the private sector) and increase the pace of introduction of water conservation technologies.
- Improve water intake, transportation, equipment and technologies for irrigating crops through the introduction of science-

based irrigation regimes and advanced technologies.

- Re-use collector-drainage water in the zone of their formation thereby increasing the water supply of irrigated lands and reducing polluting discharges into rivers.
- Introduce modern monitoring systems of the ameliorative state of lands, especially the criteria for assessing the critical level of groundwater occurrence.
- Regulate the extraction of sand and gravel in the channel of the Zarafshan River in compliance with a 300-500 meter water protection zone in order to preserve the ecological state of the reservoir.
- Set water protection zones along water sites, including canals,

irrigation and collector-drainage networks.

- Speed up modernization, reconstruction and replacement of irrigation pumping stations and aggregates, as well as introduction of up-to-date energy-saving technologies in order to reduce electricity consumption for water pumping and achieve the target of reduction of annual electricity consumption in pumping stations by 25% until 2030.
- Implement working public-private partnership models in water and agriculture to achieve real returns and create incentives to involve the private sector in financing the water sector.



25th International Congress on Irrigation and Drainage 1-8 November 2023, Vizag (Visakhapatnam), Andhra Pradesh, India



The 25th International Congress on Irrigation and Drainage and the 74th International Executive Council meetings are being organized by the Indian National Committee of ICID (INCID) on the theme **‘Tackling Water Scarcity in Agriculture’** from 01-08 November 2023 in Vizag (Vishakhapatnam), Andhra Pradesh, India. ICID triennial Congresses focus on the upcoming issues that need to be addressed in irrigation, drainage, and flood management. The Congresses also provide a platform for reviewing a number of contentious issues concerning

the future of irrigation water vis-à-vis increased demands for competitive uses. The Congress aims to provide a platform for irrigation and drainage professionals and a broad range of other stakeholders to share their knowledge and experience in sustainable agriculture water management focusing on irrigation management and its related/integrated aspects.

During the Congress, papers will be presented and discussed, answering Questions 64 & 65. In addition,

Special Sessions, Symposiums, Training, Workshops, and a large number of side events will also be held as part of this mega event. International Commission on Irrigation and Drainage (ICID) strives for a water-secure world free of poverty and hunger through its mission to facilitate prudent agriculture water management. ‘Enabling Higher Crop Productivity with Less Water Energy’ is the most cherished goal of ICID Vision 2030. Through its triennial Congresses, ICID provides a forum to exchange knowledge, information and technology solutions for alternative

water resources and increasing water productivity through on-farm interventions to tackle agricultural water scarcity.

Question 64: What Alternative Water Resources could be tapped for Irrigated Agriculture?

The spatial and temporal variabilities in precipitation and water availability call for harnessing the blue water component for different uses. Water use and management in agriculture cross many scales: crops, fields, farms, delivery systems, basins, and nations.

Sub-Questions:

Q.64.1 – Developing and Reinforcing Conventional Sources of Irrigation Water

Q.64.2 – Tapping Non - Conventional Sources of Water

Q.64.3 – Empowerment of Farmers

Question 65: What On-Farm Techniques can Increase Water Productivity?

There are several approaches by which farmers can improve water productivity. Options include those related to plant physiology, which focuses on making transpiration more efficient or productive, agronomic practices, which aim at reducing evaporation, and on farm agricultural-engineering approaches, which aim at making water application more precise and more effective.

Sub-Questions:

Q.65.1 – Improving Management of Existing Facilities

Q.65.2 – Improved Agronomic Practices and Research / Innovation

Q.65.3 – Efficient Application of Irrigation Water

Contact Organizer:

- **Mr. R. Girdhar**, Director, Indian National Committee on Irrigation and Drainage (INCID), C/o Remote Sensing Directorate, Central Water Commission, Department of Water Resources (RD and GR), Ministry of Jal Shakti, Govt. of India, 425(N), Sewa Bhawan, R.K. Puram, New Delhi 110066.
- **VPH Dr. Yella Reddy**, Expert, Andhra Pradesh Government. E-mail: yellark@gmail.com
- **ICID Central Office:** Er. Balasaheb Anantrao Chivate, Director (Technical), ICID Email: icid.25congress@gmail.com, icid@icid.org Website: www.icid25congress.in



Call for Papers Invited for

**International Workshops scheduled during the 25th ICID Congress and 74th IEC Meeting
1–8 November 2023, Vizag (Visakhapatnam), Andhra Pradesh, India**

A. Call for Papers: International Workshop on “The Water-Energy-Food-Nexus: Implementation and Examples of Applications”

This Workshop will bring together experts from all over the world to share information, experience, and views on how to implement the water-energy-food nexus in agriculture. The focus will be on the practical application of nexus. The papers should show examples of application and address the three elements of the Nexus: Water, Food, and Energy. https://icid-ciid.org/icid_data_web/Call_for_Papers_Intl_WS_WG-WEF_N_2023.pdf

B. Call for Papers: International Workshop on Innovated Agricultural Water Management under Climate Change

Objective: Based on the Sixth Assessment Report, the workshop aims to reduce the adverse impacts of extreme events of climate change by finding smarter water management and adaptation development.

Scope of the Workshop

The scope of the workshop is to explore and analyze the implications of climate change and climate variability for agricultural water management including irrigation, drainage, and flood

control. This workshop would promote archiving useful information and case studies on climate change for practical use in improved impact assessment and adaptation development. Through the case studies, the participants will be able to learn practical experiences, such as smart water management and innovative techniques from various countries. The workshop will help enhance discussion on climate change and water management at national and regional scales among the stakeholders including academicians, practitioners, decision-makers, media as well as farmers and water users in a region. This workshop could be a platform for integrating real-time practice and exchanging experiences. The Workshop is being organized by ICID's Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE) during the 25th ICID International Congress and 74th International Executive Council (IEC) meeting scheduled to be held from 1-8 November 2023 in Vizag, India.

Sub-topics of the workshop:

- Impacts of climate change on agricultural water management
- Adaptation to changing climate in agricultural water management
- Smart water management against climate change

- Case Studies

Abstracts/papers are invited from professionals, researchers, experts, farmers, system operators, managers, and policy-makers responsible for the provision of irrigation and drainage services at different scales, including individual farm-level operators through irrigation schemes to provincial, national and inter-state level water resource systems.

Schedule For Submission of Abstracts/ Full Papers

- Submission of abstracts (max. 300 words): 30 April 2023
- Notification of acceptance: 15 May 2023
- Submission of full papers (max. 10 pages): 30 June 2023
- Notification of acceptance of full papers: 01 July 2023

Kindly submit your abstract(s) to Prof. Dr. Ray Shyan Wu, Chairman, WG-CLIMATE (ctcid@triwra.org.tw) and Er. B.A. Chivate, Director (Technical), ICID Central Office & Workshop Coordinator of the WG (icid@icid.org). https://icid-ciid.org/icid_data_web/callpapers_wgclimate2023.pdf

Contact Coordinates:

Workshop Chairman: Prof. Dr. Ray Shyan Wu, Chairman, WG-CLIMATE (ctcid@triwra.org.tw)

Coordinator: Er. B.A. Chivate, Director (Technical), ICID Central Office (icid@icid.org)

C. Call for Papers for the International Workshop on the State of Drainage Worldwide

Objective

The ICID has two water-related elements in its name, Irrigation and Drainage. However, looking at the 74th IEC and related meetings/ conferences and workshops there is not a single mention of drainage in the program. The objective of this workshop is to put drainage back on the agenda of the yearly ICID meetings.

Scope of the Workshop

This information-gathering workshop intends to find out who is addressing drainage in the world (contractors, government departments, universities, etc.) and present the status of drainage activities in each of the ICID member countries as well as update country information on existing drainage systems. The papers expected are information papers, which may eventually be upgraded to full-fledged scientific articles for the I&D Journal of ICID. They may also be first drafts of the paper that will eventually be submitted at the 14th International Drainage Workshop, to be held in Tajikistan in 2024. The information papers are expected to cover where drainage is currently installed, and possibly where in the past, describe the type of drainage; surface or sub-surface, vertical or horizontal, which machines are used for installation, which pipe material was used (PVC, PE, Concrete, etc.), and describe the performance of current systems. Other enquiries can also look into what information is available on electronic platforms, You-Tube, Facebook, LinkedIn, TikTok, etc.? Please provide a brief description and the appropriate links. Please also provide the latest on quality control of materials and construction of drainage systems; i.e. search the web for standards on drainage such as ASAE, ASTM, British Standard (BS), CEN/TC, CEN Technical Committee is a technical decision making body within the European Committee for Standardization (CEN), Deutsche Industry Norm (DIN), ISO, NEN, etc.

The Workshop is being organized by ICID's Working Group on Land

Drainage (WG- LDRG) during the 25th ICID International Congress and 74th International Executive Council (IEC) meeting scheduled to be held from 1-7 November 2023 in Vizag, India.

Sub-Themes

- Country information papers
- Drainage standards and guidelines
- Reports on drainage information on web-based platforms; You-Tube, LinkedIn, etc.

Abstracts/papers are invited from professionals, researchers, experts, farmers, system operators, managers, and policy-makers responsible for the provision of irrigation and drainage services at different scales, including individual farm- level operators through irrigation schemes to provincial, national and inter-state level water resource systems.

Schedule for Submission of Abstracts/ Full Papers

- Submission of abstracts (max. 300 words): 01 July 2023
- Notification of acceptance: 15 July 2023
- Submission of full papers (max. 10 pages): 01 September 2023
- Notification of acceptance of full papers: 30 September 2023

Kindly submit your abstract (s) to Dr. Willem F. Vlotman, Chairman, WG-LDRG (vlotmanwf@gmail.com), and Er. Harish Kumar Varma, Executive Director, ICID Central Office & Workshop Coordinator of the WG (icid@icid.org).

Contact Coordinates:

Workshop Chairman: Dr. Willem F. Vlotman, Chairman, WG-LDRG (vlotmanwf@gmail.com)

Coordinator: Er. Harish Kumar Varma, Executive Director, ICID Central Office (icid@icid.org)

Registration and travel information are available at (<https://icid25congress.in/index.html>)

https://icid-ciid.org/icid_data_web/callpapers_wgldrg2023.pdf

D. Call for Papers International Workshop on "Global Challenges of Land Subsidence in Tidal Areas and the Integrated Solutions"

Objectives

The tidal areas are coastal areas where the tidal processes are capable of affecting

human activity or being influenced by human. Due to its dynamic processes and human activities in the past, there are many challenges in tidal areas, such as land subsidence, flood and storm surge risks, ecosystem degradation, coastal erosion, tidal intrusion into groundwater, among many others. The challenges are even more critical due to global climate change and sea level rise. The tidal areas provide critical resources and therefore, integrated solutions to address various challenges are urgently needed.

The objective of this workshop is to bring together practitioners, researchers and scientists, managers, and decision makers and obtain input from member countries of exploring practical problems, discussing the current state of knowledge and experiences, and exchanging solving strategies, to respond to such urgent need. To better disseminate the efforts in addressing the challenges and learn from each other, papers presented at the workshop will be considered for publication in a special issue of ICID's International Journal Irrigation and Drainage.

Schedule for Submission of Abstracts / Full Papers

- Submission of abstracts (max. 600 words): 30 May 2023
- Notification of acceptance: 15 June 2023
- Submission of full papers (max. 10 pages of A-4 size): 30 July 2023
- Notification of acceptance of full papers: 01 August 2023

Contact Coordinates:

Workshop Chairman: Dr. Ruey-Chy Kao, Chairman of the Working Group on Sustainable Development of Tidal Areas (WG-SDTA) (Email: sdta-thl@thl.ncku.edu.tw; rckao@thl.ncku.edu.tw).

Workshop Secretary: Mr. Paavan Kumar Reddy, Secretary of the Working Group on Sustainable Development of Tidal Areas (WG-SDTA) (E-mail: paavankrg@gmail.com)

Workshop Coordinator: Er. B.A. Chivate, Director (Technical), International Commission on Irrigation and Drainage (ICID) (E-mail: icid@icid.org), New Delhi, India

https://icid-ciid.org/icid_data_web/Call_for_paper_of_WG-SDTA_2023.pdf

Announcements for the World Heritage Irrigation Structures (WHIS) and WatSave 2023

ICID is pleased to announce the "Call for Nominations for 2023 WatSave Awards and Recognition of World Heritage Irrigation Structures (WHIS) for the 74th IEC Meeting and 25th ICID International Congress on Irrigation and Drainage 2023, from 01 – 08, November, Vizaq, India.

WatSave Award 2023

ICID instituted the 'WatSave Awards' in 1997, presented every year, to recognize outstanding contributions to water conservation or water saving in agriculture across the world. Accordingly, the award given to individuals or a team of individuals is made in respect of actual realized savings and not for promising research results, plans and/or good ideas/intentions to save water. The awards are given in four categories: (i) Technology (ii) Innovative Water Management (iii) Young Professionals; and (iv) Farmers.

Nominations are invited from individuals/teams through National Committees/Committees. The entries are open to all professionals/teams from ICID member countries as well as non-member countries. In case of an entry from a

non-member country, the nomination has to be routed through and validated by an active National Committee of ICID, which should be in touch with the nominee and must be aware of his/her work. For more information, please click the link: <https://icid-ciid.org/award/watsave/43>

World Heritage Irrigation Structures (WHIS) 2023

A Task Team is set up every year to select historical structures as received from various National Committees (NCs) to give them recognition along the lines of World Heritage Sites (as recognized by UNESCO) in the field of irrigation and drainage. Nominations are invited from ICID National Committees for the selection of "World Heritage Irrigation Structures" (WHIS) that include old

operational irrigation structures as well as structures of archival value.

A National Committee (NC) can nominate more than one structure (maximum four), using a separate nomination form for each. Associated Members and non-member countries can nominate their structures through neighboring active NCs or by submitting directly to ICID Central Office.

The deadline for receipt of the entries for WatSave Awards and WHIS from the National Committees along with the completed 'Nomination Form' and related details to the ICID Central Office, New Delhi is 30th June 2023. More information including the detailed procedure for nomination and the criterion for the awards can be accessed at <https://icid-ciid.org/award/his/44> For any queries, please contact icid@icid.org.

Working Group Meetings in April 2023

Sl. No.	Working Group	Date
1	Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE) Chairman: Prof. Dr. Ray Shyan Wu	5 April 2023
2	Working Group on Modernization and Revitalization of Irrigation Schemes (WG-M&R) Chairman: Mr. Ian William Makin	6 April 2023
3	Asian Regional Working Group (ASRWG) Chairman: Prof. Dr. Tsugihiko WATANABE	12 April 2023
4	Working Group on Water Food Energy Nexus (WG-WFE-N) Chairman: Prof. Dr. Ragab Ragab	26 April 2023

ICID Annual Report 2022-23: Call for Updated Information from National Committees (NCs) and Direct Members (DMs)

The International Commission on Irrigation and Drainage (ICID) Central Office is in the process of compiling the ICID Annual Report for 2022-23. The ICID Central Office has sent out mails to National Committees and Direct Members requesting for information which they would want to be included in the Annual Report.

The Chairs of National Committees are requested to kindly provide detailed information about the events, meetings held and any other material relevant

to the national committee for the year 2022-2023 which could be included in the Annual Report. Suitable pictures and/or audio-video media may also be included with the submission.

National Committees are requested to update the data relating to the agricultural scenario of their country with the latest and accurate information on the total arable area, total irrigated and drained area and areas under sprinkler and micro-irrigation. We request you to kindly review the existing data from 2021-2022

Annual Report from https://icid-ciid.org/icid_data_web/ar_2021.pdf in case the information needs to be updated. The latest information may be mailed to ICID Central Office for updating the same.

Similarly, the Direct Members are requested to provide detailed information about the events conducted, meetings held and any other relevant material related to their professional activities during the year 2022-2023. The deadline for submission of the information for update is 31 May 2023.

News from National Committees

1. Japanese National Committee, ICID (JNC-ICID)

Update of the emails

- Mr. Daisuke IMAMURA - daisuke_imamura660@maff.go.jp
- Mr. Yukitoshi TAKANASHI - yukitoshi_takanas970@maff.go.jp

.....

2. New Chairman of Estonia National Committee of ICID (ESTCID)

Engr. Anu Nemvalts has been appointed as the new Chairman of Estonia National Committee of ICID (ESTCID). Simultaneously she is also appointed as the member of the EUROPEAN REGIONAL WORKING GROUP (ERWG). She is also Deputy Director General. Agriculture and Food Board Coordination and management of the areas of land management, land use, plant health, plant propagating material, plant protection and fertilisers, with a view to ensuring, on a uniform basis throughout the country, effective prevention and monitoring and the provision of quality services (including direct services) in these areas. Email - anu.nemvalts@pta.agri.ee

Task Force for Updating and Maintenance of Multilingual Technical Dictionary (TF-MTD)

The task force for updating and maintaining of Multilingual Technical Dictionary (TF-MTD) was reorganized by the ICID. The task force is enriched by the active members of the ICID National Committee. The objective of the new Task Force is to redefine the scope of terms to be covered in the Multilingual 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.

The MTD consists of all technical terms related to irrigation, drainage, flood management, environment, river training and allied disciplines and is a flagship publication of ICID widely consulted by the 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 CDROM in the year 2000, which was slightly modified and brought out as the 4th edition in 2002.

Soon after the release of the first edition in 1967, NCs felt the need to translate this useful dictionary into their 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 into 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.

For the latest 5th edition, efforts were made in 2010 to 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. ICID invites its stakeholders and all professionals to provide state-of-the-art terms along with their meanings to further enrich the multi-lingual technical dictionary and support the community in their endeavours.

ICID Forthcoming Events

25th International Congress on Irrigation and Drainage and 74th International Executive Council Meeting, 1–8 November 2023, Visakhapatnam, Andhra Pradesh, India. Website: <https://icid2023.icid.org>

14th International Drainage Workshop, Dushanbe, Tajikistan, 23-25 May 2024. Contact: Gbahrom_75@mal.ru

1st Middle East Regional Conference, 26-28 February 2024, Riyadh, Saudi Arabia. Contact: Saudi Arabian National Committee of ICID, Email: a.almajed@sio.gov.sa, ma.alomair@sio.gov.sa

75th International Executive Council Meeting and 9th Asian Regional Conference, 1-7 September 2024, Sydney, Australia - <http://www.irrigationaustralia.com.au/>

76th International Executive Council Meeting and 4th World Irrigation Forum (WIF4), 7-13 September 2025, Kuala Lumpur, Malaysia - Contact: mancidualaysia@gmail.com

Other Events

International Workshop on Sustainability of Agricultural Water Management and Digitalizing, 2-6 October 2023, Diyarbakir City, Turkey. Website: <http://www.dicle.edu.tr/>

Cairo Water Week 2023 - 29 October to 2 November 2023, Cairo, Egypt. Theme "Action on Water Adaptation for Sustainability. Website: <https://www.cairowaterweek.org/>

Singapore International Water Week Spotlight 2023 - Theme: Urgent Climate Action For A Sustainable Water Future. <https://www.siww.com.sg/spotlight-2023>

Water Canada Summit, Ottawa, Ontario June 7-9, 2023. Website: <https://watersummit.ca/>

International Agriculture Innovation Conference 2023 (IAIC 2023). The 8th IAIC 2023 will take place on 1-2 August, 2023. <https://iaic.iaas.org.sg/>

40th International Association for Hydro-Environment Engineering and Research (IAHR), 21-25 August 2023, Vienna, Austria. Website: <https://rivers.boku.ac.at/iahr/>

International Workshop on Sustainability of Agricultural Water Management and Digitalizing; 2-6 October 2023. Theme - Sustainability of Agricultural Water Management and Digitalizing As part of the 50th Anniversary of Dicle University. <http://www.dicle.edu.tr/>

Water Canada Summit, 7-9 June 2023, Ottawa, Ontario. Website: <https://watersummit.ca/about-wcs/>

International Arab Water Day, 29 May 2023, Cairo, Egypt. Website: <https://www.arabwatercouncil.org/>



ICID-CIID

International Commission on
Irrigation and Drainage (ICID)

Editorial Team: Ms. Prachi Sharma, Mr. Madhu Mohanan, Mr. Anurag Mangain; **Layout:** Mr. Keshav Dev Tanwar
48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India
E-mail: icid@icid.org; Website: <http://www.icid.org>