

# NEWS UPDATE

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

MARCH 2023

## From Secretary-General's Desk...

Dear Colleagues,

For the upcoming 25th Congress in November 2023, ICID has several announcements. The Call for Paper for submitting abstracts for the main theme of the event 'Tackling Water Scarcity in Agriculture' has already been issued. Subsequently, a call for papers for the international workshops titled, 'The Water-Energy-Food-Nexus: Implementation and Examples of Applications', 'Innovated Agricultural Water Management under Climate Change' and 'State of Drainage Worldwide' have also been issued to request relevant paper submissions. Additionally, the submissions for the annual ICID awards including Watsave Awards and World Heritage Irrigation Structures (WHIS) are also open till 30 June 2023. I encourage you all to submit your papers and participate in the event to discuss and deliberate on the themes of the Questions highlighted and the International Workshops of the Congress. During the month, ICID, in collaboration with the Indian National Committee of ICID (INCID), conducted meetings and visited Vizag, Vishakhapatnam in Andhra Pradesh to make preparations for the 25th



Congress and 74th IEC Meeting. More details are available in the newsletter.

Among the most prominent dialogues of recent times, ICID participated in several events such as UN-Water Conference to deliberate and contribute through its expertise. The UN Water Conference was held in March 2023 where VPH Dr. Marco Arcieri represented ICID and participated in the event and presented his thoughts on the current global water resources and how ICID can help with the UN's sustainable development goals for water through its vast network and long-standing commitment to improving the agricultural water usage globally. The South African National Committee of ICID conducted a symposium in February to promote active contributions to the stimulation and promotion of research and the development of technology in irrigation and drainage fields in South Africa. More details are provided in the newsletter.

The Webinar on "Empowerment and Capacity Development of Women in Water Resources Management", presented by IRPID-IRN in association with IRNCID and WG-CDTE, will be held on 3 May 2023. For detail, please visit [https://icid-ciid.org/inner\\_page/234](https://icid-ciid.org/inner_page/234) Vice President Prof. Watanabe was awarded the prestigious Japan Prize of Agricultural Science 2023, and the details are available on page 3 of this issue.

As you might be aware, ICID has constantly been updating its Multilingual Technical Dictionary (MTD) and has a dedicated task force for the same. In the field of agriculture, especially irrigation and drainage, ICID continuously strives to serve the community to the best of its abilities. Through this News Update, I encourage and invite water sector professionals to support and enrich the technical dictionary to make it more useful to the irrigation and drainage professionals.

Moving forward, several other major ICID events are lined up for the upcoming year. 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), GoI and Government of Andhra Pradesh. Please visit <https://icid25congress.in/> for more details.

I look forward to meeting you during the above events and thank you for your continued support.

Sincerely,

**Ashwin B. Pandya**  
Secretary-General, ICID

## VPH Dr. Marco Arcieri represents the ICID at UN Water Conference in New York, USA

Given the food, and water security concerns globally, VPH Marco Arcieri took part on behalf of ICID at the UN Water Conference in New York, USA from 22 to 24 March 2023. He attended the side event "Implementing the 2023 Praia Call for Action through the Decade's work streams", organized by FAO on March 22. The side event discussed the implementation of the 2023 Praia Call for Action, which was launched after



the Second WASAG International Forum held in Praia, Cabo Verde in February 2023. This Call for Action has been endorsed by Partners and Stakeholders of the Global Framework of Water Scarcity in Agriculture (WASAG), being a synthesis of the recommendations formulated to mobilize political commitment to strive for

strategic actions, including policies and investments, and to collaborate through actions that place a greater focus on the sustainable development and integrated management of water resources. The final goal is the achievement of social, economic and environmental objectives while addressing water scarcity in agriculture and empowering farmers, including women and the youth. The side event attracted all stakeholders

interested in supporting the cooperation and partnerships, at all levels, to achieve internationally agreed water-related goals and targets, including those belonging to the 2030 Agenda for Sustainable Development, with a special focus on water scarcity.

Director General of FAO, Dr. QU Dongyu opened the session welcoming the delegates, whilst H.E. Gilberto Silva, Minister of Agriculture of Cabo Verde gave a keynote speech, followed by remarks from Mr. Affo Bôni Adjama, Director of the Cabinet of the Ministry of Water and Rural Water Supply, Republic of Togo. During the panel discussion chaired by Dr. Lifeng LI, Director General of the Land & Water Division of FAO, VP Marco Arcieri brought attention to the essential role that ICID plays in raising political awareness and commitment of the Governments, given its vast network of National Committees, often based inside the Ministries of countries which are part of its network. He additionally stressed the importance of ICID in recommending innovative solutions and introducing new technologies, such as desalination. ICID is one of the relevant International Organizations consisting of professionals from policymakers, academics, universities, research centres and private enterprises dealing with water resources management, for issues such as irrigation or flood prevention.

Moreover, in his speech, VP Arcieri also underlined how ICID has proven its relevance through sharing of knowledge via bulletins, journals and publications (books), as well as ad hoc training and capacity building initiatives, focused on relevant technical and policy discussions targeted to different audiences. Finally, VP Arcieri emphasized the role of ICID as a major actor in terms of cross-sectoral collaborations achieved with other International Organizations, such as the WASAG program, INSPIRE etc., but also in terms of raising awareness through numerous initiatives that periodically ICID is involved in and organizing international events such as the WIF, thematic Workshops, Congresses and Conferences and so on to address the burning questions in agricultural water management sphere. Please find the link here to watch the Side Event: <https://media.un.org/en/asset/k1t/k1tazovca>

VP Arcieri took part in another Side Event, organized by IWHR of China during the UN Water Conference on 23 March. The side event conducted by the IWHR discussed pathways to achieve a balance between environmental protection and economic development, while sustainably making use of water resources, as rural development moves towards common prosperity. The opening speech was given by H.E. LI Guoying, Minister of Water Resources of China, followed by remarks

from Dr. QU Xing, Deputy Director General of UNESCO, and WWC President Dr. Loïc Fauchon. The session was chaired by Dr. PENG Jing, Vice President and Secretary General of IWHR, Beijing. For the side event, VP Dr. Marco Arcieri gave a keynote speech with a presentation on 'Coastal Agriculture and Environmental Protection in Southern Italy', highlighting the importance of achieving sustainable development results and economic progress. He emphasized that agriculture must be thought of with a holistic vision, especially along the coastline, where environmentally sound criteria such as the protection of marine environments and the prevention of shore erosion are key elements; and processes such as soil erosion and solid transportation are linked to human activities and variations in land use and are important as they are the main sources of sediments accumulation inside the reservoirs. In his presentation, Dr. Arcieri recommended the forest and shrubs cover for ensuring soil protection, reducing erosion and landslides insurgence, decreasing water velocity and therefore solid transportation within the basin, hence exploiting a balancing action over the hydrogeological cycle. The event was broadcasted by China Daily, which after the coverage provided some insightful interviews with some of the panellists.

## Secretary – General Er. A.B. Pandya Visits Vizag, Andhra Pradesh

Secretary General Er. A. B. Pandya, along with Executive Director Er. H. K. Verma, visited Vizag, Visakhapatnam to review the preparations for the upcoming 74th IEC and 25th International Congress, which will be held in November 2023. The visit also marked the delegation's representation on the Indian National Committee on Irrigation and Drainage (INCID), the Water Resources Department, the Government of Andhra Pradesh, and the Central Water Commission. Dr. Kaluvai Yella Reddy, the Dean



of the Faculty of Agricultural Engineering and Technology at ANGR Agricultural University, Andhra Pradesh, welcomed all the members. The two-day visit focused on the progress of the upcoming 25th International Congress and 74th IEC of the ICID. The visit created a common platform for multi-stakeholder dialogues

among the science, policy, business, and development communities to create mission-driven alliances to catalyze and deliver high-ambition, future-ready innovation, and inclusive, science-based action for water security. The visit included sessions to discuss: (i) the science base for the 21st century water security agenda

(ii) regional priorities for water systems science, and (iii) landmark publications. The conference aims to ensure that water science better serves global ambition to accelerate progress on SDG 6 and build water security that will be robust in the face of deepening water risks this century.



## Vice President, ICID, Prof. Dr. Watanabe Awarded the Japan Prize of Agricultural Science 2023

Prof. Dr. Tsugihiko Watanabe, Vice President, ICID & Chairman, Japanese National Committee, ICID (JNC-ICID) was awarded the prestigious Japan Prize of



Agricultural Science Prize also known as the Yomiuri Prize of Agricultural Sciences during the ceremony organized as part of the Annual Meeting at the University of Tokyo, from AJASS (Association of Japanese Agricultural Scientific Societies - <https://www.ajass.jp/en>) in 2023. Prof. Dr. Watanabe was selected for this award for his outstanding contribution to the field and achievement of "Studies on Evaluation and Improvement of Agricultural Water Management in the Hydrological Water Cycle and Environment of the Basin". The prize was given in recognition of his



research achievements as a team, including the research results on climate change impacts in Turkey, which were highly evaluated and recognized in the ICID community.

The AJASS had been awarding the Prize of Agricultural Science with a prize medal since 1925. The prize for Agricultural Science has been awarded by the Yomiuri Shimbun since 1964. The Prize is awarded to distinguished researchers in the field of agricultural sciences; it is a demonstration of the social commitment of the Yomiuri Shimbun to improving human welfare including food security and environmental conservation. Recipients have been recommended by the Association of Japanese Agricultural Scientific Societies

since the establishment of the prize. The winners of the Japan Prize for Agricultural Science are chosen by the Selection Committee of the Association, approved by the association's General Meeting every year in February, and recommended as the winners of the Yomiuri Prize for Agricultural Science. President of AJASS Dr. Osugi presented the Certificate and Plaque to Vice President Prof. Dr. Watanabe at the Celebration Party which was attended by the Professors of the University of Tokyo, eminent irrigation engineers from Japan, and government officials. This news was widely published in local newspapers including "The Japan News".



## Er. A.B Pandya Participates in Water Summit 2023

A water summit with the theme "Water Security in India: Challenges and Prospects" was organised by the Manav Rachna International Institutes of Research and Studies in alliance with the Central Ground Water Board (CBIP) and other associates, including ICID, the National Institute of Hydrology, the Bhabha Atomic Research Centre in Mumbai, and Haryana Water Resources, on February 24, 2023, in India. The programme was divided into 5 parts: (i) Inaugural Session—Panel Discussion (ii) Technical Session 1: Water Demand and Supply: A Widening Gap (iii) Technical Session 2: Regulatory Measures in the Water Sector: How Effective Are They? (iv) Technical Session: Water and Food Security: - Linkage and Challenges Ahead (v) Technical Session: Rising Contamination of Water. The panellists

included (i) Dr. N.C. Wadhwa, DG, MREI (ii) Mrs. Keshni Anand Arora, Chairperson, HWRA (iii) Sh. Shashi Shekhar, Former Secretary, Ministry of Jal Shakti (iv) Sh. A.K. Agrawal, Central Ground Water Board (CGWB) (v) Sh. Vivek Verma, MD, Spray Engineering Devices Ltd., Mohalli (vi) Prof. Alan Fryar, University of Kentucky, USA (vii) Dr. R.P. Pandey, Hear Environment Hydrology, NIH (viii) Dr. U.K. Sinha, BARC, Mumbai (ix) Prof. David Polya, Dean of Internationalisations, University of Manchester, UK (x) Dr. Alok Sikka, IWMI (xi) Prof. AK Keshari, IIT (Delhi) (xii) Sh. Biswasdeep Ghose, CEO, WPI (xiii) Prof. PP Majumdar, Chairman, ICWR (xiv) Dr. Sumit Sinha, Senior Analyst, JBA RML (UK) (xv) Prof. Sashank Shekher, University of Delhi (xvi) Dr. Amit Bhalla, Vice President, MREI (xvii) Dr. Amarjit Singh, Former Secretary,

Gujarat, and (xviii) Sh. Devender Singh, IAS, Advisor to the Hon'ble CM, Haryana.

The inaugural session was delivered by Dr. N.C. Wadhwa, DG MREI. He broadly discussed the current state of water resources in India, its crisis, and the future driving forces. He also mentioned how sustainability can be attained in the domain of the rising water crisis. In his speech, he focused on traditional knowledge and how its implementation can bring a ray of hope to the path of sustainable water management.

Er. A.B. Pandya, Secretary General represented ICID at the summit and discussed at length the availability of water resources and that we needed to take urgent steps towards better water management. He talked about the macro and micro approaches to

water management and mentioned the importance of adequate water storage capacity, interlinking basin transfer of water, interlinking of rivers, and flood management, including structural and non-structural measures. At the end of his speech, he summarised that there is a need to move forward from policy to strategy. Ms. Anand, through her presentation, gave an elaborate state of India's water security and challenges. She gave special reference to the water scarcity scenarios in Haryana. Her talk emphasised the interlinking of social, political, and environmental issues pertaining to water security. Mr. Shashi Shekhar in his speech spoke of water and its diverse uses, especially focusing on the burning issue of its management in India. He also discussed the interconnectivity and interdependence of groundwater and surface water in the processes of the hydrological cycle. Sh. A.K. Agarwal highlighted the importance of groundwater and mentioned the National Aquifers Mapping and Management Programme. His discussion focused on the highly overexploited regions of Punjab and Haryana. Sh. Vivek Sharma,

SED, highlighted the management of wastewater, industrial effluent, wastewater treatment, and recycling. Prof. Fryar in his presentation explained the use of tracers to understand the sources and timing of recharge in three different types of aquifer systems under different climates, such as humid, temperate, and tropical/monsoonal. Dr. Rajendra Prasad Pandey spoke on the role of isotopes in understanding the various issues of water resources management, distribution of water in various sectoral domains, groundwater recharge, and geothermal investigation. Dr. Uday Kumar Sinha gave an introduction to various environmental isotopes. He highlighted how stable oxygen and hydrogen isotopes can be used to understand groundwater resources. Prof. David Polya discussed geogenic contamination. He mentioned his distribution and vulnerability globally and in India. He also elaborated on the various health impacts of arsenic contamination. However, he highlighted the recent publication on the correlation between arsenic contamination and cardiovascular diseases. Dr. Alok Sikka, Country Head, IWMI-India, emphasised

sustainable agriculture with water and energy intelligent practises. Prof. Keshari, in his presentation, highlighted the aspects of sustainable water management for food security, water security issues, and ecosystem services. Mr. Ghose discussed water security, its challenges, and its interlinkages in his presentation. He spoke of the programmes dealing with water footprints, WASH and UN-Sustainable Development Goals (SDGs) for 2030. Prof. Majumdar gave a vivid description of anthropogenically induced climate change and its effects in accelerating the concerns of the water crisis and food security. Dr. Sumit Sinha in his presentation highlighted the present condition of floods and the loss in GDP due to floods in India, China, and Thailand. In the concluding session, Dr. Amit Bhalla spoke on the research contribution of the MREI concerning issues of water security. He highlighted the need for a common approach by educational institutes, governments, and communities to work on climate change issues and sustainable management of water resources, which are becoming more precious day by day.



## SANCID in partnership with the Water Research Commission of South Africa hosts the biennial 2023 Symposium

Fulfilling its objectives, the South African National Committee on Irrigation and Drainage (SANCID) hosted the symposium promoting active contribution to the stimulation and promotion of research and the development of technology in irrigation and drainage fields in South Africa. This was achieved by liaising with the Water Research Commission (WRC)'s key strategic area team focusing on water use in agriculture and initiating and organizing the symposium with the assistance and sponsorship of the WRC.

SANCID Symposium 2022 took place from 21 to 23 February 2023 at Tzaneen, Limpopo Province. The three-day symposium included mainly plenary, discussion sessions, a demonstration workshop and a technical tour. Under the theme "Research and Innovation Towards Meeting New Challenges and a Thriving Irrigation Sector", the symposium attracted the role-players of the South African irrigation and drainage industry for knowledge sharing and productive interaction in a setting located in a prominent agricultural area, as well as a tourism region in the country.



Prominent academics, professionals, practitioners, policymakers, researchers and consultants participated in this events, including delegates from the Department of Water and Sanitation (DWS), the Department of Agriculture Land Reform and Rural Development (DALRRD), the Agricultural Research Council (ARC), the University of the Free State (UFS), University of Pretoria (UP), University of KwaZulu-Natal (UKZN), Water Research Commission (WRC), University of Venda (UNIVEN), Limpopo Department

of Agriculture and Rural Development (LDAR) and Vaalharts Water. Suffice it to state, the symposium received a great turnout with more than 60 participants globally across the country and (in the above picture). The attendees had the pleasure of sharing and gaining knowledge through presentations that went on for the duration of those three days. There were 27 abstracts presented by various institutions based on the theme of the symposium. During the symposium, there were a variety of delegates'

focus areas in the irrigation space was a surprisingly thought-provoking component. The keynote address was given by Ms. MaryJean Gabriel, the Director of Water Use and Irrigation Development, on behalf of the Director General. The first session of the first day was chaired by Ms. Palo Kgasago, Vice Chairperson of the SANCID, while the second session was chaired by Mr. Jan Potgieter of the DALRRD. The second session was particularly dominated by the work conducted by the University of Pretoria from WRC funding, four students (Mr. Mabuza, Mr. Deane, Mr. Magwaza, Mr. Sibanda) under the supervision of Prof John Annadale, presented their work on the potential of using mine water for irrigation purposes.

The last day of the symposium comprised the last presentations with the first session chaired by Dr. Micheal Can der Laan. The presentations in this session addressed irrigation systems and the water use component part of the symposium. The closing session was led by Chairwoman Dr. Samkelisiwe Hlophe-Ginindza, an assistant Research Manager at the WRC. The WRC takes pride in funding state-of-the-art research addressing challenges faced in the agricultural sector including irrigation concerns. But it does not end there, WRC was the sole sponsor of this symposium, which presented an opportunity to not only capacitate young and upcoming scientists but to also work together in ensuring that there is research engagement space that allows

for showcasing research and innovations that may also have been developed from WRC funds.

In the symposium, the opening address was delivered by Prof. Dr. Sylvester Mpandeli, an Executive Manager at WRC, a (South African National Committee on Irrigation and Drainage, SANCID) Chairman, and Vice President of the internal branch of SANCID, International Commission On Irrigation And Drainage (ICID), gave an opening address.

### Nomination Invited for the ICID Awards 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, Vizag, India.**

#### WatSave Awards 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 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 neighbouring active NCs or by submitting directly to ICID Central Office.

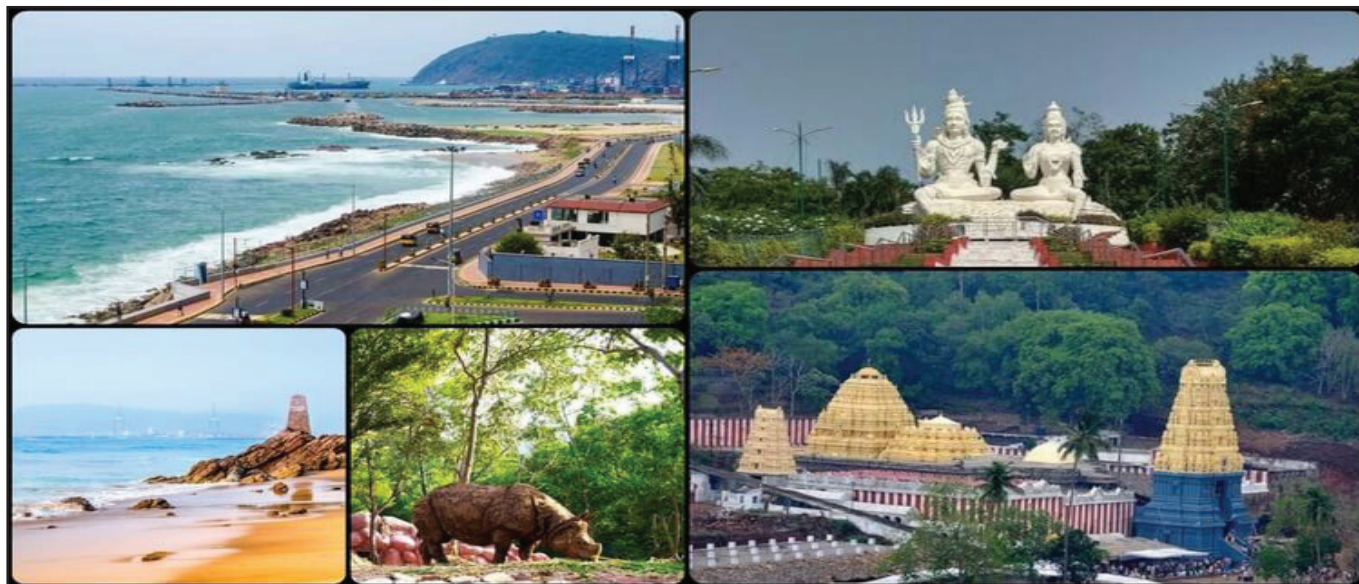
The deadline for receipt of the entries for WatSave Awards and WHIS from the National Committees along with the completed ‘Nomination Form’ and related details to the ICID Central Office, New Delhi is 30th June 2023. More information including the detailed procedure for nomination and the criterion for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

### Working Group Meetings in March 2023

| SI. No. | Working Group   | Date            |
|---------|---|-----------------|
| 1       | Asian Regional Working Group (ASRWG)<br>Chairman: Prof. Dr. Tsugihiko WATANABE                                | 14th March 2023 |
| 2       | Working Group on Sustainable On-Farm Irrigation System Development (WG-SON-FARM)<br>Chairman: Dr. A.K. Randev | 15th March 2023 |
| 3       | Working Group on Sustainable Development of Tidal Areas (WG-SDTA)<br>Chairman: Dr. Ruey Chy Kao               | 16th March 2023 |
| 4       | European Regional Working Group (ERWG)<br>Chairman: Dr. Marco Arcieri   | 29th March 2023 |



## Call for Papers, 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 organised by the Indian National Committee of ICID (INCID) on the theme 'Tackling Water Scarcity in Agriculture' from 01-08 November 2023 in Vishakhapatnam (Vizag), 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, the 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 tri-annual 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 different 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*

#### **Schedule of Submission of Abstracts / Full Papers**

The abstracts/ papers are invited from the policymakers, professionals, academicians, researchers, experts, and scientists from private and government sectors as per the following deadlines.

- Notification of Acceptance of Extended Abstracts: **15 April 2023**
- Submission of Full papers: **15 May 2023**
- Notification to Authors (oral/poster/presentation): **31 May 2023**

#### **Online Paper Submission**

- Online 'Extended Abstract' submission is now open. New Users are expected to create their own accounts. The procedure for creating a new account is available at [https://congress.icidevents.org/%20Register\\_Modify.aspx](https://congress.icidevents.org/%20Register_Modify.aspx)
- Please note that only the 'Extended Abstracts' of the papers are required in the first stage of submission to enable peer review by an International Review Committee. PLEASE DO

NOT SUBMIT THE FULL PAPERS AT THIS STAGE as they would not be reviewed now.

- Upon receiving an acceptance letter from ICID Central Office, authors are required to provide/upload an electronic version of the full-length papers in Microsoft Word format (file size limited to 10 MB) by strictly following the guidelines available at <https://congress.icidevents.org/PaperSubmissionProcess.aspx>

#### Contact Organizer:

1. **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

2. **VPH Dr. Yella Reddy**, Expert, Andhra Pradesh Government. E-mail: [yellark@gmail.com](mailto:yellark@gmail.com)

3. **ICID Central Office: Er. Balasaheb Anantrao Chivate**, Director (Technical), ICID

**Email:** [icid.25congress@gmail.com](mailto:icid.25congress@gmail.com), [icid@icid.org](mailto:icid@icid.org)

**Website:** [www.icid25congress.in](http://www.icid25congress.in), <https://icid-ciid.org/event/detail/25>



## Call for Papers Invited for International Workshops scheduled during the 25<sup>th</sup> ICID Congress and 74<sup>th</sup> IEC Meeting, 1-8 November 2023, Vizag, India

### 1. 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/event/detail/25>

### 2. Call for Papers for the International Workshop on Innovated Agricultural Water Management under Climate Change

**Objective:** Based on 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

To explore and analyse the implications of climate change and climate variability for agricultural water management including irrigation, drainage, and flood control, this workshop would like to 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

##### Sub-topics of the workshop:

1. Impacts of climate change on agricultural water management
2. Adaptation to changing climate in agricultural water management
3. Smart water management against the climate change
4. 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](mailto:ctcid@triwra.org.tw)) and Er. B.A. Chivate, Director (Technical), ICID Central Office & Workshop Coordinator of the WG ([icid@icid.org](mailto:icid@icid.org)).

#### Contact Coordinates:

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

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

### 3 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 also may be the first drafts of the paper that will next 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. What information is available on electronic platforms, U-tube, Facebook, LinkedIn, TikTok, etc.? Please provide a brief description and the appropriate links. Last but not least 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; U-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>)



## 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.



## National Committee Activities

### INCID Director Visited the ICID Central Office

Mr. R Giridhar, Director, INCID, visited to the ICID – Central Office, New Delhi on 10 March 2023. Er. H. K Varma, Executive Director, ICID welcomed the INCID Director. During the meeting, he discussed issues pertaining to the revision of the Congress Schedule and the arrangement for the maintenance of the Congress Website by ICID for the upcoming 25th ICID Congress to be held in Vishakhapatnam, India in November 2023.

## ICID Forthcoming Events

**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: mancicidmalaysia@gmail.com



ICID-CIID

International Commission on Irrigation and Drainage (ICID)

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