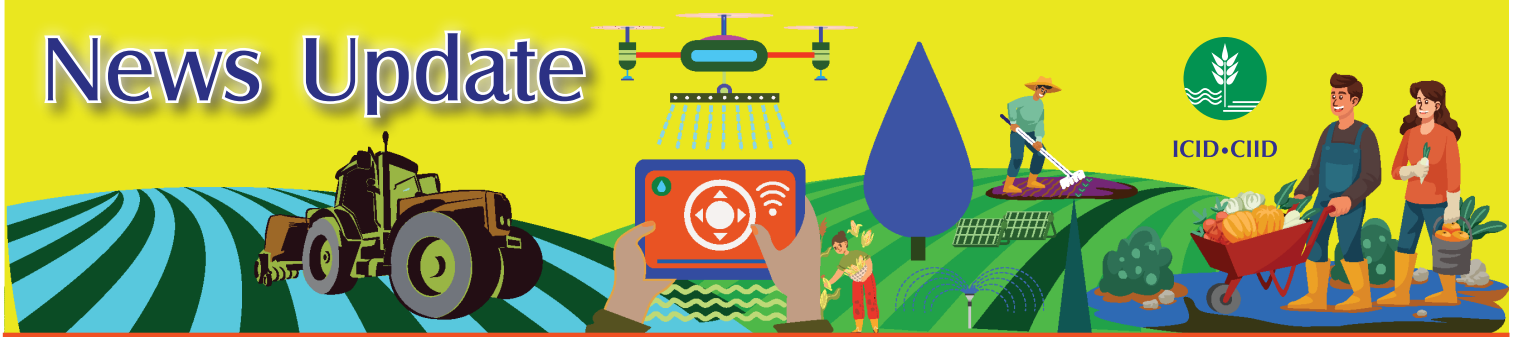


# News Update



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

AUGUST 2022

## From Secretary-General's Desk

Dear Colleagues,

We are approaching the 24th ICID Congress and the 73rd IEC meeting from 03 October 2022 - 10 October 2022 in Adelaide, Australia. I look forward to your active participation in the event to make it a grand success. As you are aware, the theme for the Congress is 'Innovation and Research in Agriculture Water Management to Achieve Sustainable Development Goals.' As per the practice, the event will address two contemporary questions: Question 62: What Role Can Information and Communication Technology Play in Travelling the Last Mile? and Question 63: What Role Is Played by Multi-Disciplinary Dialogue to Achieve Sustainable Development Goals? The Special Session will address the topic 'Developing the future tools for managing uncertainty in irrigation water supply,' and the Symposium will be held on 'Integrated Approaches to Irrigation Management in Future.'



Ms. Karlene Maywald, the Hon'ble Water Ambassador of Southern Australia, will deliver the 11th N. D. Gulhati Memorial Lecture for International Cooperation in Irrigation and Drainage during the Congress. Several other prominent global leaders, policymakers and experts are invited to attend the event and provide their inputs on the role of agricultural water management in achieving the sustainable development goals outlined

by the United Nations. Several technical sessions and workshops will be held during the Congress on various thematic working groups of ICID. The event will also host several side events by esteemed international organizations and a Young Professionals training program. Considering the event's significance for future discourse, I invite you all to join the event in making it a grand success. This issue also contains information from the Australian National Committee on the 24th Congress and visit Australia. More details regarding the event are available at: <https://www.icid2022.com.au/> and [https://icid-ciid.org/event/event\\_details/2](https://icid-ciid.org/event/event_details/2). If you have specific queries regarding the event, please don't hesitate to contact ICID at: [icid@icid.org](mailto:icid@icid.org).

During the month, ICID conducted a webinar on 'Micro irrigation Technology with Precision Water and Salt Management.' Details of the webinar are given in the news update with more information on the full recordings of the webinar for you to access. More than 350 professionals participated in the webinar. This issue also contains details on the Norman Borlaug Field Award 2022.

We are consistently working on our website for users to have a better experience. This issue includes some of the newly updated features of the website where users can now register online for membership either as a National Committee or through Direct Membership. I would urge the water sector professionals to join the ICID network to become a part of the ICID community and enjoy the membership benefits.

Apart from the Congress, several other major ICID events are lined up for the upcoming year. The 10th International Micro Irrigation Conference will jointly be hosted by the Moroccan National Committee on Irrigation and Drainage (ANAFIDE) and ICID, with support from the Directorate of Irrigation and Agricultural Land Planning (DIAEA) of the Government of Morocco from 25-27 January 2023 in Dakhla, Morocco. The Fourth World Irrigation Forum (WIF4), together with the 74th International Executive Council (IEC) Meeting, hosted by the Ministry of Water Resources of the People's Republic of China, and the Chinese National Committee on Irrigation and Drainage (CNCID), will be organized by China Institute of Water Resources and Hydropower Research, from 16- 22 April 2023 in Beijing, China. The 25th Congress and the 75th IEC Meeting in Vizag city of Southern India in November 2023, will be hosted by the Indian National Committee on Irrigation and Drainage (INCID), Ministry of Jal Shakti (MoWR), GoI and Government of Andhra Pradesh. Visit <http://www.wif.icidevents.org> to learn more.

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

Sincerely,

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

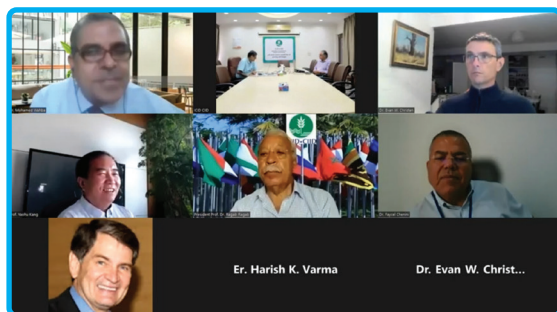
## Webinar on Advanced Micro irrigation Technology with Precision Water and Salt Management, 25 August 2022

A webinar was organised by ICID on 25 August 22 on 'Advanced Micro irrigation Technology with Precision Water and Salt Management' with the African Regional Working Group (AFRWG) & Chinese Academy of Sciences. The webinar was attended and moderated by VPH Dr. Mohamed Wahba and panellists Prof.

Yaohu Kang of the Chinese Academy of Science (CAS), Dr. Evan W. Christen of National Australian University and Dr. Faycel Chenini, a Senior Water Expert of Tunisia.

The participants were welcomed and introduced by Er. Harish Kumar

Verma, Executive Director of ICID. ICID President, Prof. Dr. Ragab Ragab opened the webinar with his short presentation on 'Issues Related to Micro-Irrigation'. He talked about the new irrigation systems, such as Micro & Nano-Irrigation Systems, as they reduce the burden in the parameters



that of surface irrigation. So, it needs to consider the way out of the drainage water with high salinity content to not affect the surrounding environment. Therefore, it is very important to maintain the balance of soil salinity with good effect and strong operability of precise water and salt regulation and drainage methods.

of labour, energy and water requirement and simultaneously support higher yield, water productivity and farmer income. As he highlighted, when using saline and treated wastewater, it is important to use the best system (drip, sprinkler, pivot), design, crop, land management and mathematical calculation at every level & sensor to deduct the changes in soil like moisture, acidic character and exchanges of gases or minerals of the soil to achieve the higher accuracy of Micro and Nano Irrigation Technology. The webinar ended with a question/answer session. To access the recorded webinar, please visit: <https://www.youtube.com/watch?v=MhaKgxXoOhM&t=299s>

### About The Webinar

Micro-irrigation has the advantage of (1) increasing the beneficial use of available water; (2) improving fertiliser and other chemical applications; (3) enhancing plants growth and yield; (4) eliminating weed growth; (5) decreasing energy requirements; (6) improving cultural practices; reducing salinity hazard to plants; etc. Starting with the goals of high quality, high and stable yield, water saving, efficient utilisation of fertilisers and control of agricultural non-point source pollution, advanced precise micro-irrigation and fertigation technology have become the fundamental trend of irrigation development in the world.

However, micro-irrigation farmland in arid areas is the same as other irrigation farmland. Salt in the water seeps into the soil during the irrigation process, and salt content in the soil moves to the periphery of the wet peak. If the wet range cannot be lapped and the effective salt leaching water cannot be produced, soil salinisation will occur due to salt accumulation in the soil gradually. On the other hand, if the amount of salt leaching water is too large, the groundwater level will also rise, leading to secondary soil salinisation. In addition, micro-irrigation farmland also needs an effective drainage system, but the total dissolved soluble mass content in the drainage water is higher than

In the past 27 years, we have carried out long-term systematic research on micro-irrigation theory and technology, including hydraulic analysis and design, micro-irrigation system model suitable for different users and its key equipment (filtration systems, fertiliser injection systems, control systems, etc.), farmland water and nutrient management methods, irrigation and fertigation scheduling, and salinisation preventing method etc. This lecture introduces advanced micro-irrigation technology with precision water and salt management based on our research results. The contents include the introduction of micro-irrigation, effects of irrigation frequency on crop growth and water use, effects of controlling soil matric potential on crop growth and water use, irrigation scheduling for efficient use of water, irrigation scheduling for both purposes of irrigation and salt leaching, and several drip irrigation systems for different types of users.

### Keynote Speaker

#### Prof. Yaohu Kang – China



Prof. Yaohu Kang is a distinguished Chair Professor of the Chinese Academy of Sciences, Professor at the University of Chinese Academy of Sciences, Vice Chairman, Micro-irrigation Branch, China Association of Irrigation Area and Pre-Director, Key Laboratory of Water Cycle and Related Land Surface Processes. Associate editor, Resource Science.

Prof. Kang has received global recognition for his achievements in both theoretical and technological aspects of micro-irrigation and sprinkler irrigation, drip irrigation with saline water and saline soil utilisation for agriculture. He has published more than 270 papers, obtained about 30 national patents and nine software copyrights, and was one of the main members who set two national standards and two national professional standards.

### Panelists

#### Dr Evan W. Christen



Dr. Christen has researched irrigation management, waterlogging and salinity control, design and management of evaporation basins, the reuse of irrigation drainage, sewage and winery wastewaters for irrigation, regional management of irrigation and drainage waters, remote sensing of crop evapotranspiration and social and economic issues related to irrigation and their dependent communities. The research included many countries such as Pakistan, China, Cambodia, Iraq, Egypt, California and South Korea.

#### Dr. Faycel Chenini



Dr. Faycel Chenini, a Tunisian citizen, is a Senior Water Expert with an international experience of 25 years in Africa and the Near East region, particularly in the following sectors: Integrated water resources and irrigation management, water policy development, water governance, non-conventional water resources, technical assistance and supervision of the countries projects, programmes, strategies and policies related to water resources management, capacity development.

### Moderator

#### Dr. Mohamed Wahba



Dr. Wahba, representative of the Egyptian government in several international and regional forums, including the ICID, where he was elected as Vice-President of ICID, a representative of the Ministry of Water Resources and Irrigation of the ESCWA Committee, coordinator of cooperation between the Ministry and similar ministries in China and Iraq, he was the former chairman of ENCID. He is a Vice President Honorary of ICID, Chairman of the African Regional Working Group (AFRWG) and Chairman of Capacity Development, Training and Education Working Group (CDTE-WG) of ICID. He is also a guest researcher at the Institute of Geographical Sciences and Natural Resource Research, Chinese Academy of Sciences (CAS), Beijing-China.



If you are attending or planning to attend the ICID 24th International Congress in Adelaide in October 2022, then we have some important information for you.

Travellers to Australia are experiencing lengthy delays obtaining visas to enter Australia, this is a result of our borders opening after the pandemic.

We strongly recommend that you start the visa application process as soon as possible. The link below will take you to the Australian government website that contains the information needed to complete your visa application.

All visitors to Australia must have a valid visa to travel to and enter Australia (other than New Zealand passport holders who will normally be granted a Special Category visa on arrival). It is your responsibility to ensure documentation is correct and complete before you commence your journey. Delegates must register and complete full payment for the event before lodging their visa application.

Before lodging an application, you should determine which visa you should apply for. The Australian Government Department of Home Affairs "Find a Visa" (<https://immi.homeaffairs.gov.au/visas/getting-a-visa/visa-finder>) tool has the latest information on applying for a visa to visit Australia.

- Select the first option "Visa & Tourism" and then "Attending a Conference or Expo" you will then be asked to enter your country of passport.

- This will then have the requirements for your nationality including the fees that will apply.
- You can then select the details button to proceed to the application stage.
- If you are not vaccinated against COVID-19 it is still possible to enter Australia but you will have to provide a medical certificate detailing why you cannot be vaccinated. The requirements for an exemption are set out <https://www.health.gov.au/health-alerts/covid-19/international-travel-proof-of-vaccination>

If you have questions regarding your visa you can seek assistance at this link (<https://immi.homeaffairs.gov.au/help-support/who-can-help-with-your-application/overview>) there is no fee for this service. Again we encourage you to act soon if you wish to obtain a visa to enter Australia. To register for the event and take advantage of the Early Bird price discount click

<https://immi.homeaffairs.gov.au/help-support/who-can-help-with-your-application/overview>

We look forward to seeing you in Adelaide in October.

Kind regards

**Bryan Ward, CEO**  
Irrigation Australia Ltd  
On behalf of the IACID Organising Committee

## Important Announcements

### Call for Papers: International Workshop on Modernizing Irrigation and Drainage Services, Adelaide, 2022

The main theme of the International Workshop is Modernizing Irrigation and Drainage, with a focus on the arrangements for the provision of irrigation services. Arrangements for upgrading irrigation and drainage services go beyond rehabilitation of infrastructure to include the institutional and management arrangements required to enable irrigation supplies to be responsive to farmers' requirements. The objective of the Workshop is to bring together irrigators, system operators and researchers to present and discuss the current state of knowledge and experiences in creating irrigation and drainage services that are responsive to the changing needs of farmers and the environments in which irrigation and/or

drainage takes place. [https://icid-ciid.org/icid\\_data\\_web/call-papers\\_M&R\\_2022.pdf](https://icid-ciid.org/icid_data_web/call-papers_M&R_2022.pdf)

### International Workshop on Public-Private-Partnership (PPPs) in Irrigation and Drainage Operation and Maintenance Toward Sustainable Irrigated Agricultural Water Management, 04 October 2022, Adelaide, Australia

The objective of this Workshop is to follow-up the IOA Workshop in Denpasar, Bali, Indonesia, that was conducted on 02 September 2019 on the theme "Participatory Irrigation/Drainage Management – PIDM and Management Transfer, Approaches and condition for successful PIDM" to provide subsequently for a wider platform for irrigation and drainage professionals in the scope of activities related to the comprehensive mandate of WG-IOA, particularly in this proposal related with Mandate 3, which is "Public-Private Partnership (PPPs) in irrigation and drainage operation as well as Mechanism for Cost Recovery", covering among others: possibilities of and

requirements for successful Public-Private Partnerships (PPPs) in irrigation/ drainage operation and management; methods and mechanisms for charging of irrigation/ drainage services; and determination of the level of cost recovery. The workshop materials will therefore be based on review experiences and approach with IOA in the countries or regions with practical experiences on PPPs under the PIDM or IDMT programs both on conventional irrigation and micro-irrigation technology practices toward sustainable agriculture water management.

**For more information, contact coordinates:**

**Workshop Chairperson:** Dr. Hafied A. Gany, P.Eng. Chairman, WG-IOA (hafiedgany@yahoo.com; hafiedgany@gmail.com)

**Workshop Coordinator:** Er. Harish Kumar Varma, Executive Director, ICID Central Office (icid@icid.org) Or click the link: [https://icid-ciid.org/icid\\_data\\_web/callpaperswgioa2022.pdf](https://icid-ciid.org/icid_data_web/callpaperswgioa2022.pdf)

### Call for Papers International Workshop on “Managing on the Regional, State or Local Level, Water Scarcity Resulting from Conflicting Demands”

Water scarcity is both a natural and a human-made phenomenon. It is projected that by 2025, two-thirds of the world’s population may face water shortages at the current consumption rate. Water shortages may be caused by climate change, increased population, increased recognition of environmental needs for water and increased human demand. Water scarcity can be in the form of physical water scarcity and economic water scarcity. Physical water scarcity refers to a situation where natural water resources are unable to meet a region’s demand, and economical water scarcity is a result of poor water resource management.

The main theme of the International Workshop of WG-MWSCD is “Managing, on the Regional, State and Local Levels, Water Scarcity Resulting from Conflicting Demands”. The Workshop is being organized by ICID’s Working Group on Managing Water Scarcity under Conflicting Demands (WG-MWSCD) during 24th ICID Congress & 73rd International Executive Council (IEC) meeting from 3-10 October 2022 in Adelaide, Australia.

For more information, contact coordinates:

**Workshop Chairman:** VPH Franklin E. Dimick, Chair WG-MWSCD (E-mail: frankdimick@gmail.com)

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

For more information click [https://www.icid.org/ws\\_mwscd\\_sep2020.pdf](https://www.icid.org/ws_mwscd_sep2020.pdf)

### Call for Papers International Workshop on The Water-Energy-Food-Nexus: Implementation and Examples of Applications

**Objectives:** This Workshop will bring together experts from all over the world to share information, experience, and views on implementing the water-energy-food nexus in agriculture. The focus will be on the practical application and address the three elements of the Nexus: Water, Food and Energy.

The main theme of the International Workshop of Working Group is “**The Water-Energy-Food-Nexus: Implementation and Examples of Applications**”.

For more information, contact:

**Workshop Chairman:** Dr Ragab Ragab, President of ICID, Chairman of the Working Group on “Water-Energy-Food Nexus”, and Fellow at UK Centre for Ecology & Hydrology, UKCEH, UK. E-mail: ragab@icid.org

Dr. K Yella Reddy, Vice President Hon. ICID; Dean, AMGR Agricultural University; Secretary, WG on “Water-Energy-Food Nexus” E-mail: yellark@gmail.com); and Former Director (A&R), WALAMTARI, Hyderabad, India

**Workshop Coordinator:** Er. Balasaheb Anantrao Chivate, Director (Technical), International Commission on Irrigation and Drainage (ICID) (E-mail: icid@icid.org), New Delhi, India Or, Click the link [https://icid-ciid.org/icid\\_data\\_web/wsp2022\\_wfe-n.pdf](https://icid-ciid.org/icid_data_web/wsp2022_wfe-n.pdf)

## Norman Borlaug Field Award 2022

Dr. Mahalingam Govindaraj, Senior Scientist for Crop Development at HarvestPlus and the Alliance of Bioversity International and CIAT, has been named



the 2022 recipient of the Norman E. Borlaug Award for Field Research and Application, Endowed by The Rockefeller Foundation. He is recognised for his outstanding leadership in mainstreaming biofortified crops, particularly pearl millet, in India and Africa. For more than a decade, he has directed the development and dissemination of high-yielding, high-iron and high-zinc pearl millet varieties, which have contributed to better nutrition for thousands of farmers and their communities.

Govindaraj’s active collaboration with the Indian Council of Agricultural Research led to India becoming the first country in the world to commit to iron and zinc standards as core traits in their national cultivar release policy. Pearl millet became the first crop in which minimum levels of these essential micronutrients were mandated in 2018.

The Dr. Norman E. Borlaug Award for Field Research and Application, endowed by the Rockefeller Foundation, is presented every October in Des Moines, Iowa, by the World Food Prize Foundation.

This \$10,000 award recognises exceptional, science-based achievement in international agriculture and food production by an individual under 40 years of age. Awardees emulate the same intellectual courage, stamina and determination in the fight to eliminate global hunger and poverty demonstrated by Dr. Norman Borlaug as a young scientist working in Mexico in the 1940s and ’50s.

## 10<sup>th</sup> International Micro Irrigation Conference organized by ANAFIDE 25-27 January 2023 in Dakhla, Morocco

The International Commission on Irrigation and Drainage (ICID) proudly announces the convening of the 10th International Micro Irrigation Conference in Dakhla Morocco, and invites the irrigation and drainage professionals from the world over to contribute and showcase their work through the presentation of papers.

The International Micro Irrigation Conference (IMIC) aims to bring together all the stakeholders relevant to the field of irrigation, drainage, and other related aspects of water management. IMIC is a multi-sectoral platform creating avenues for discussions and engagement for everyone, the governments of relevant countries, policymakers, the multi-lateral and bi-lateral organizations, civil society institutions, the grass-root farmers as well as corporate leaders. Every IMIC attracts veterans, experts, and acclaimed researchers and academicians from various sectors to bring all possible issues and forthcoming solutions to the International Micro Irrigation Conference concerning the sector. In fact, in its 9th edition, IMIC held in Aurangabad, India, in January 2020 witnessed participation of several hundreds of attendees.

The 10th International Micro Irrigation Conference, jointly hosted by the Moroccan National Committee on Irrigation and Drainage (ANAFIDE) and ICID with support from the Directorate of Irrigation and Agricultural Land Planning (DIAEA), will be held during 25-27 January 2023 in the Conference center of the city of Dakhla in Southern Morocco. Beside being a true heaven of peace between lagoon and ocean, Dakhla is a growing economical center with increasing areas of irrigated land where high value added crops are grown in greenhouses. An important irrigation project will soon be implemented in the region of Dakhla. It consists of irrigating an area of

5,000 ha using desalinated sea water powered by wind energy.

### Theme: Micro-irrigation in the Era of Technology Innovation and Digital Transformation

Given the above, papers are invited and discussed under the following Sub-themes:

**Sub-Theme 1:** Public Policies and the Promotion of Micro Irrigation: Lessons Learned

**Sub-Theme 2:** Innovation in Micro-Irrigation Design and Technology to Improve Resilience to Climate Change

**Sub-Theme 3:** Micro-Irrigation for small-Scale Farming, Challenges, Opportunities and Initiatives

**Sub-Theme 4:** Micro Irrigation to Promote the Nexus "Water - Energy - Food"

**Sub-Theme 5:** Digital Transformation for the Management of Micro-Irrigation

**Sub-Theme 6:** International Coopération for the Developpement of Micro Irrigation

### Schedule for submission of abstracts/ full papers

- i. Submission of extended abstracts (max. 300 words) — **15 September 2022**
- ii. Notification of Acceptance — **15 October 2022**
- iii. Submission of full paper (10 pages of A4 size) — **30 November 2022**

- iv. Notification to the author regarding oral/poster presentation — **15 December 2022**

### Online paper submission

- 1 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 <[www.10imici.ma](http://www.10imici.ma)>
- 2 Please send an 'Extended Abstract' of your proposed paper using the corresponding template in [www.10imici.ma](http://www.10imici.ma)
- 3 Upon receiving an acceptance letter from the conference organizer, authors with accepted abstracts will be required to provide an electronic version of the full-length papers in Microsoft Word format using the provided template from <[www.10imici.ma](http://www.10imici.ma)>

### Contact Coordinates:

#### 10IMIC Scientific Secretariat:

Pr El Houssine BARTALI, Vice President, Moroccan National ICID Committee (ANAFIDE)  
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#### ICID Central Office:

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## Fourth World Irrigation Forum (WIF4) 16-22 April 2023, Beijing, China

The International Commission on Irrigation and Drainage (ICID) proudly announces the convening of the Fourth World Irrigation Forum (WIF4) in Beijing, China, and invites the irrigation and drainage professionals from the world over to contribute and showcase their work through the presentation of papers.

The ICID triennial World Irrigation Forum (WIF) aims to bring together all the stakeholders relevant to the field of irrigation, drainage, and other aspects

of water management. WIF is a multi-sectoral platform creating avenues for discussions and engagement for everyone, the governments of relevant countries, policymakers, the multi-lateral and bi-lateral organizations, civil society institutions, the grass-root farmers as well as corporate leaders. Every WIF attracts veterans, experts, and acclaimed researchers and academicians from various sectors to bring all possible issues and forthcoming solutions to the forum

concerning the sector. In fact, in its third-year only, WIF3 held in Bali, Indonesia in September 2019 witnessed a footfall of over fifteen hundred participants.

The Fourth World Irrigation Forum (WIF4) together with the 74th International Executive Council (IEC) Meeting, jointly hosted by ICID, the Ministry of Water Resources of the People's Republic of China, and the Chinese National Committee on Irrigation and Drainage (CNCID), and organized by China Institute

of Water Resources and Hydropower Research, will be held during 16-22 April 2023 in Beijing, China.

**Theme: Modernization of Irrigation Systems**

For decades now, pursuing and achieving water security has become one of the top most agendas of global development. Increasing population and subsequent development demand an increasing amount of freshwater for consumption. Historically, irrigated agriculture has been the biggest freshwater consumer, but its share is reducing due to its limited availability as well as competition from other sectors. However, in the current scenario of increasing water scarcity, agriculture and subsequently food security will bear the brunt of this reduced supply. Thus, improving the irrigation water management and propagating modernization of irrigation systems is of utmost importance in current times.

Modernization of irrigation systems entails holistic improvement of resource mobilization, delivery to the farm gates, water saving techniques, management practices, policies, institutional and financing mechanisms that ultimately result in agricultural, social, environmental and economic benefits. The topic of modernization and revitalization of irrigation systems is relevant to the vision and mission of ICID and of interest to its members. Thus, the flagship event of ICID, World Irrigation Forum 4, WIF4 aims to highlight the importance of modernization of irrigation systems and discuss, in detail, different aspects of it, outlined in the sub-themes (ST):

Given the above, papers are invited and discussed under the following Sub-themes:

**Sub-Theme 1: Policy and strategy for modernization of irrigation systems**

**Sub-Theme 2: Technology for modernization of irrigation systems**

**Sub-Theme 3: Financing for modernization of irrigation systems**

**Sub-Theme 4: Performance assessment of irrigation systems**

**ST-1: Policy and strategy for modernization of irrigation systems**

**ST 1.1** Development planning for modernization including the overall vision, development lay-out, roadmap of implementation, safeguard measures, etc.

**ST 1.2** Supporting policies for modernization adopted by all levels of government on matters such as investment, construction material, facilities and equipment, operation and maintenance, management system and mechanisms

**ST 1.3** Laws and regulations supporting and safeguarding modernization and preparing a conducive social and economic environment for ensuring longevity of the measures

**ST 1.4** WEF E (Water-Energy-Food-Ecosystems) nexus approaches for managing trade-offs and enhancing synergies

**ST-2: Technology for Modernization of Irrigation Systems**

**ST 2.1** Engineering technologies for modernization: water consumption monitoring technologies, coordinated multi-water-source allocation technologies, handling of aging infrastructure for water resources storage and conveyance, responsive canal network/pipeline water delivery and distribution technologies, scheduling and control technologies of water use, on-farm irrigation technologies, etc.

**ST 2.2** Management technologies for modernization: Smart-water management technologies including information sensing and transmission technologies, data governance and integration, establishment of a knowledge base, decision support system, drone applications in improving precision irrigation management and scheduling, etc.

**ST 2.3** Technical standards system for modernization: the dimensions modernization, the expected results of modernization,

comparative studies of technical standards of different countries, etc.

**ST 2.4** Innovative approaches for irrigation performance appraisal including landscape-based approaches

**ST-3: Financing for Modernization of Irrigation Systems**

**ST 3.1** Investment by all levels of government

**ST 3.2** Investment by the private sector and the banking sector

**ST 3.3** Investment by the beneficiaries, such as farmers, WUAs, etc.

**ST 3.4** Investments and revenue models for sustained asset management of irrigation systems for its operation and maintenance

**ST 3.5** Investments for Asset Management of Irrigation Systems for improved services delivery

**ST-4: Performance Assessment of Irrigation Systems**

**ST 4.1** Assessment of physical infrastructures such as storage and diversion work, canal networks, pumping stations, water gates, etc.

**ST 4.2** Assessment of management and water service delivery

**ST 4.3** Assessment of socio-economic, eco-environment and natural resources benefits for improved productivity

A brief 'Concept Note' of the above sub-themes is given in the accompanying tabs and is also available as a download document on the contributions management portal at <https://wif.icidevents.org/about.aspx>

**Schedule for submission of abstracts/full papers**

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- iv. Notification to the author regarding oral/poster presentation — **15 December 2022**

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2. 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.

3. Upon receiving an acceptance letter from ICID Central Office, authors are required to provide/upload an electronic version of the full-length papers in the given template in Microsoft Word format by strictly following the guidelines available at [https://wif.icidevents.org/InfoDocs/guidelines\\_wif4\\_papers.pdf](https://wif.icidevents.org/InfoDocs/guidelines_wif4_papers.pdf)

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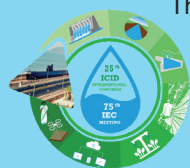
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 Tel.: +91 11 2611 6837;  
 +91 11 2611 5679,  
 +91 11 2467 9532

#### Contact Coordinates:

##### WIF4 Secretariat:

Mr. Gao Lihui, Executive Secretary, Chinese National Committee on Irrigation and Drainage (CNCID) 1, Yuyuantan South Road, Beijing 100038, China

## 25<sup>th</sup> International Congress on Irrigation and Drainage 1–8 November, 2023, Vizag (Visakhapatnam), Andhra Pradesh, India



The 25th ICID International Congress on Irrigation and Drainage and the 75th International Executive Council Meeting is being organized by the Govt of Andhra Pradesh and the Indian Irrigation Commission on Irrigation & Drainage (ICID) on the main theme "Tackling Water Scarcity in 'Agriculture' during 1–8 November, 2023 at Vizag (Visakhapatnam), India. During the Congress, the papers will be presented and discussed, answering Questions 64 & 65.

In additional, 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 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?

- Q.64.1: Reinforcing conventional sources of irrigation water
- Q.64.2: Tapping non-conventional sources of water
- Q.64.3: Empowerment of farmers

#### QUESTION 65: Which on-farm techniques can increase water productivity?

- Q.65.1: Improving management of existing facilities
- Q.65.2: Improved agronomics practices
- Q.65.3: Efficient application of irrigated water

#### SEMINAR: National policies for safe re-use of wastewater in irrigation

#### Symposium: Tackling Climate Change – Role of Storages for Irrigation

##### Contact Organizer:

**Indian National Committee on Irrigation and Drainage (INCID)**, 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 and **Andhra Pradesh Government:** VPH Dr. Yella Reddy, E-mail: [icid.25congress@gmail.com](mailto:icid.25congress@gmail.com), [yellark@gmail.com](mailto:yellark@gmail.com), Website: [www.icid25congress.in](http://www.icid25congress.in)

##### ICID Central Office:

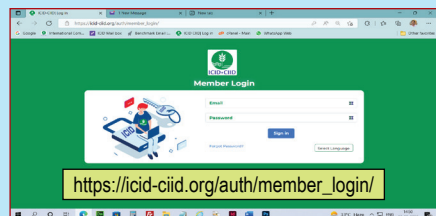
Er. Balasaheb Anantrao Chivate, Director (Technical), ICID, E-mail: [icid@icid.org](mailto:icid@icid.org), Website: <https://icid-ciid.org/event/detail/25>

## Newly Introduced ICID Website Features

ICID website acts as a doorway to a wide range of information on irrigation, drainage, and flood management. It serves as a vital communication mechanism with National Committees, Direct Members, and partner organizations.

### Members Login/ Members Only

The website introduced a new “Member’s Only” section in which members of ICID can log in using their registered e-mail address and find informational resources strictly for them. Some

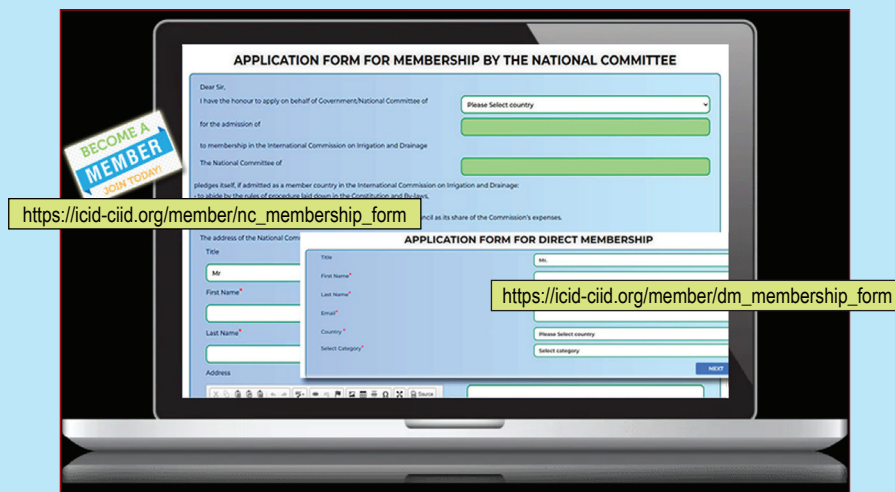


of the extra, more detailed materials available to members-only are the option to download/view all ICID publications in digital format; News (News Update, ICID News, e-Bulletin); Tools and Models; ICID Directory (with contact details of members along with available mobile/telephone numbers); Download Multilingual Technical Dictionary desktop version); Updates on Webinars; ICID Movie; Download ICID Presentation; Details on Technical Support Program (TSP); Young Professionals’ Forum; Announcements, etc.

The user must log in to the platform to obtain access to these materials and resources. Members can access this website portion with the registered first e-mail address and password. If forgotten, a password can be obtained on the registered e-mail address using the ‘Forget Password’ option. In addition, Members are requested to update their profile using Member’s Login for projecting accurate information.

### Online Membership Forms

The ICID Website now includes online membership forms for joining as **National Committee or Direct Member**. The online National Committee form requires only information on the country and contact details of the individual. The other information available on the platform includes Irrigated Area, Drained Area, and UN Contribution percentages that are automatically extracted from the database for computation to generate a request letter, tentative subscription amount to obtain necessary approvals and initiate bank transfer of the subscription amount, to name a few. Upon completing the form, a confirmation e-mail will be received at the registered e-mail address, which contains links to download the PDF format of the filled form, options to edit, final submission, etc.



Similarly, the **Direct Membership form** accepts all the required fields for Companies, Institutions, and Individuals (Individual, Individual (Retiree), Individual (Young Professional)). On completion of the required fields, a tentative subscription amount will be generated based on the selections. After initial submission, a confirmation e-mail will be received at the registered e-mail address, which contains links to download the PDF format of the filled form, options to edit, final submission, etc.

ICID welcomes your esteemed country to join as a member (National Committee) or Direct Member to take advantage of the services and benefits provided by the Commission, to achieve the vision of “A water-secure world free of poverty and hunger through sustainable rural development”.

Let’s use this opportunity to reconnect with an organization exclusively working in the areas of Irrigation, Drainage, and Flood management with more than seven decades of service to the international community.

“Alone, we can do so little; together, we can do so much.”

## ICID Forthcoming Events

**73rd IEC Meeting and 24th ICID Congress 3-10 October 2022, Adelaide, Australia.** Theme: Innovation and research in agriculture water management to achieve sustainable development goals. Website: <https://www.icid2022.com.au/>

### Geosynthetics Events: Held at ICID Congress & Irrigation Australia Conference

The Geosynthetics Event at the ICID Congress and Irrigation Australia Conference – Adelaide October 2022 - Enhancing the performance of Canals, Reservoirs and Dams with Geosynthetics. The International Geosynthetics Society (IGS), in collaboration with Irrigation Australia (IAL) and the International Commission on Irrigation & Drainage (ICID), has agreed to host a one-day workshop at the ICID 24th Irrigation Congress and Irrigation Australia Conference and Exhibition at the Adelaide Convention Centre on 04 October 2022 on enhancing the performance of canals, reservoirs and dams

using geosynthetics. <https://www.icid2022.com.au/iace-home/geosyntheticscevents/>

**74th IEC Meeting and 4th World Irrigation Forum 16-22 April 2023, Beijing, China.** Theme: Modernisation of Irrigation Schemes MIS)- Water saving & Green development (Tentative), NC Contact: Mr. Gao Lihui, Executive Secretary, Chinese National Committee on Irrigation and Drainage (CNCID), 1, Yuyuantan South Road Beijing 100038, E-mail: [gaojh@iwhr.com](mailto:gaojh@iwhr.com), [cncid\\_office@sina.com](mailto:cncid_office@sina.com), [lihui.gao@qq.com](mailto:lihui.gao@qq.com). Location - Guoce International Convention & Exhibition Center, Beijing, China

**75th IEC Meeting and 25th ICID Congress 1-8 November 2023, Vizag, Andhra Pradesh, India.** Theme: Tackling Water Scarcity in Agriculture Contact: [rishi1964@yahoo.com](mailto:rishi1964@yahoo.com), [yellark@gmail.com](mailto:yellark@gmail.com)

**10th International Micro Irrigation Conference 25-27 January 2023, Agadir - Dakhla, Morocco.** Theme: Micro Irrigation in the Era of Technology, Innovation and Digital Transformation, Website: <http://10imic.ma/>

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**76th IEC Meeting and 9th Asian Regional Conference 1-7 September 2024, Sydney, Australia.** Website: <http://www.irrigationaustralia.com.au/>

**77th IEC Meeting and 5th World Irrigation Forum May 2025, Kuala Lumpur, Malaysia.** Theme: Challenges and future needs in the modernization of irrigation for food security and sustainability.

### Other Event

**7th India Water Week 2022** from 1-5 November 2022 at India Expo Centre, Greater Noida, National Capital Region (NCR) of Delhi, with the theme “Water Security for sustainable development with equity”. For more details, please visit: <https://www.indiawaterweek.in/>



International Commission on  
Irrigation and Drainage (ICID)

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