



## From Secretary-General's Desk

Dear Colleagues,

ICID celebrated its 73rd Foundation Day on 24th June 2022 through a technical session on the theme "Role of Modern Irrigation in Global Food Security," hosted by the Indian National Committee of ICID (INCID). The gathering included several Ambassadors, representatives of Indian embassies of member countries, our international collaborators, direct members, and senior officials of the Government of India. The presentations on the topic of the session by the International Water Management Institute, the World Bank, and the President ICID were the highlights of the session. The event also served as a curtain raiser for the upcoming ICID events in India. More than 250 professionals were physically present, and many more joined the event's live broadcast through social media and other channels. Presentations by prominent professionals covered various topics of importance for our sector.



As the pandemic gradually alleviates worldwide, I am happy to report that a series of ICID events are lined up for 2022 and 2023. In October 2022, Irrigation Australia (IACID) will host the 24th ICID Congress and the 73rd IEC meeting, along with several side events by

international organizations and a Young Professionals training program. During the Congress, N. D. Gulati lecture will be delivered by Ms Karlene Maywald, the Hon'ble Water Ambassador of Southern Australia. Several national leaders and prominent water ministers around the globe are also invited to be part of the Congress to share their vision on the water policies of various governments. The Congress will have many technical sessions by different thematic working groups of ICID. Considering the delays in visa processing due to a significant pandemic backlog, I urge all to prepare well ahead and register for Congress to receive an appropriate invitation letter for visa purposes. Other important guidelines for prospective visitors are covered in this issue of the ICID News Update.

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. It will be held from 25-27 January 2023 in the Conference Center of the city of Dakhla in Southern 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 papers have been invited and abstracts are in the process of submission and review. We urge all of you to actively participate in the technical deliberations of the event through the presentation of papers. Visit <http://www.wif.icidevents.org> to learn more.

Then, in November 2023, INCID will host the 25th Congress and the 75th IEC Meeting in Vizag city of southern India. More details will become available as the event approaches and will be shared with you all.

Announcements of the above events have been released through various social and print media, giving more detailed information, including themes and sub-themes, calls for papers, side events and exhibitions, and associated technical tours. I hope you will find these helpful in timely planning of your participation.

I look forward to meeting you during the above events to exchange current updates on issues in our sector.

Sincerely,

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

## 73rd ICID - INCID Foundation Day

On 24th of June 2022, ICID celebrated its 73rd Foundation Day in collaboration with the Indian National Committee (INCID), national committees, Direct Members, and international partners, including the Asian African Rural Development Organization (AARDO), International Solar Alliance (ISA), IWMI, and WB. INCID hosted the event at the Central Water Commission (CWC) Auditorium in New Delhi. The event was organized in three sessions:

- (i) Inaugural Session,
- (ii) Curtain Raiser Programme for the 25th ICID Congress, and

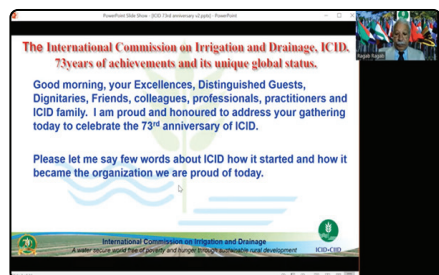


(iii) Technical Presentations: As part of the celebration, a seminar on the theme "Role of Modern Irrigation in Global Food Security," was organised with more than 250 participants from various government agencies, past office bearers and international partners working on food security, water management and agricultural irrigation.

The inauguration was graced by the presence of H.E. Mr. Lukmon Bobokalonzoda, Ambassador of the Republic of Tajikistan; H.E. Mr. Nurlan Zhalgasbayev, Ambassador of the Republic of Kazakhstan; H.E. Dr. Manoj Nardeosingh, Secretary-General, African-Asian Rural Development Organization (AARDO); and senior-level officials from other Embassies in Delhi; and the representatives of the partner organisations. ICID ED Eng. H.K. Verma welcomed the delegates of different fraternities.

Secretary-General Eng. A.B. Pandya delivered his presentation on the theme "Role of Modern Irrigation in Global Food Security". He covered various aspects of water, irrigation and food. He highlighted the need for data on: (i) Global Water Resources Consumption and How rising temperatures and changes in run-off patterns will influence the flow of rivers upon which countries depend. Runoff is projected to drop by 20-30% in the MENA region. (ii) Global Water Scarcity based on physical water scarcity and economic water scarcity. He mentioned two-thirds of the world's population currently live in areas that experience water scarcity for at least one month a year, (iii) Future Challenges for Agriculture and the key drivers like climate change impacts, increasing freshwater scarcity, increasing population and urbanization, and (iv) World Agriculture Scenario including its reforms like investment in irrigation, the importance of irrigation in food security, new challenges and the case study of investment in India.

President Dr. Ragab Ragab gave his presentation online for the 73rd anniversary of ICID, covering how it all



started, how it progressed and how it became a unique world organization. He welcomed and thanked all Distinguished Guests, Dignitaries, Friends, colleagues, professionals who came together to mark the 73rd ICID Foundation Day. He spoke about the glorious journey of ICID from its beginning and then expansion over the decades to represent more than hundred countries as its members, covering more than 90% irrigated area of the world that supports the staple food production and ensures food security of the world and encourages public-private partnership in development and management of water resources.

H.E. Dr. Manoj Nardeosingh, Secretary-General, AARDO, admired the ICID activities in the domain of food security, irrigation and agriculture. He also covered the economic and social development in African and Asian countries.

VPH Dr K.Y. Reddy, Dean, ANGR Agri University, gave a presentation on the upcoming 25th ICID International Congress and 75th IEC in Vizag/Visakhapatnam from November 6-13,



2023, Andhra Pradesh, India. He launched the logo for the 25th ICID International Congress and the 75th IEC and a new website for the event. He invited all the professionals, delegates, colleagues and institutions for this ICID event in Vizag. He also highlighted the importance of the Government of Andhra Pradesh State for their role in the preparation of the upcoming event. He distributed the first brochure regarding the 25th ICID and 75th IEC and other publications covering the tourism and cultural heritage of Andhra Pradesh.

Mr. Kushvinder Vohra, Member (WP&P), CWC & Member, INCID, in his presentation on "Background, Initiatives and Recent Developments in INCID" talked about the important role of INCID in irrigation, drainage and flood control in India. He explained recent developments in INCID including its objective, INCID

Publication, and INCID Initiatives such as 'WALMI Meet 2022' and the upcoming 25th ICID Congress in India.

Dr. A. Mathur, DG, International Solar Alliance (ISA), gave his presentation on "Enhancing Agricultural Productivity through Solar". He explained the role of energy for efficient irrigation and agricultural practices.

Ms. Anju Gaur, Senior Water Resources Specialist, World Bank, in her representation on "Modernization of irrigation systems" in the context of India, spoke about (i) Water Resource Potential, including its sub-parameters of rainfall, river runoff, surface water, ground water, and storage capacity, (ii) water availability and agricultural demand, (iii) Water Resources Availability, (iv) Projected Water Demand, and (v) World Bank Projects (Irrigation).

Dr. Alok Sikka, IWMI Representative, India presented on the topic "Innovative water management solutions for food security". He emphasized: (i) Centrality of water in sustaining food security as Agriculture currently uses 70% of freshwater resources globally, about 90% in South Asia (ii) Mainstreaming Innovation in Irrigation Management (iii) Piped Canal Irrigation for Improving Irrigation Efficiency (iv) Remote sensing-based water accounting for irrigation management (v) Enhancing Economic Water Productivity (EWP) in canal irrigation for

resilience (vi) Soil Moisture Sensor Based Irrigation (vii) Sensor Based Smart Irrigation Scheduling System, and (viii) Direct cash incentive for electricity saving on irrigation water usage – Experience from Punjab, etc.

Mr Amit Kapuria, Electro Steel Castings Limited (ICID DM), discussed the comparison of irrigation efficiencies for Canal Based System and the Pipeline System.

Finally, Secretary-General A.B. Pandya thanked all the delegates for making the 73rd ICID Foundation Day a successful event. He also invited all the high dignitaries for the upcoming 73rd IEC and 24th International Congress scheduled from 3rd to 10th October, 2022, Adelaide, South Australia.



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 and 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 completed 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.

## IMPORTANT MESSAGE REGARDING Visiting Australia for the 24th ICID International Congress

- 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

## 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 layout, 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 (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

i. Submission of extended abstracts (max. 300 words) — **15 July 2022**

ii. Notification of Acceptance — **15 August 2022**

iii. Submission of full paper (10 pages of A4 size) — **15 October 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 [https://wif.icidevents.org/Register\\_Modify.aspx](https://wif.icidevents.org/Register_Modify.aspx) and for more help visit the guidelines for use of the Portal

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)

### Contact Coordinates:

**WIF4 Secretariat:**

Mr. Gao Lihui, Executive Secretary, Chinese National Committee on Irrigation and Drainage (CNCID) 1, Yuyuantan South Road, Beijing 100038, China  
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Tel.: +86 10 6878 1193

**ICID Central Office:**

Er. B.A. Chivate, Director (Technical), ICID and WIF4 Coordinator, 48 Nyaya Marg, Chanakyapuri New Delhi – 110 021, India  
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## 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 dessalinated 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) in>

### Contact Coordinates:

#### 10IMIC Scientific Secretariat:

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#### ICID Central Office:

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## ICID President's Activity in June 2022

#	Activity	Date
1	Working Group on Water Food Energy Nexus (WG-WFE-N) Chairman: Prof. Dr. Ragab Ragab	June June 30, 2022
2	Working Group on Land Drainage (WG-LDRG) Chairman: Mr. Bernard Vincent	June June 30, 2022

## Important Announcements

### Call for Papers: 24th ICID International Congress on Irrigation and Drainage 03-10 October Adelaide, South Australia

The Congress Theme: Innovation and Research in Agricultural Water Management to Achieve Sustainable Development Goals The Congress aims to provide a platform for irrigation and drainage professionals and the 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. To find out further information and to submit an abstract, please visit Irrigation Australia's conference website <https://www.icid2022.com.au/call-for-papers/how-to-submit-papers/>

For all the information on submitting an extract - you can also download the ICID Call for Papers Flyer on the following link: [https://mcusercontent.com/ad3d7801a3707d168c030e520/files/2a975c86-852a-f3bc-5cf7-a2a4ef6483c7/24cong\\_callforpapers.pdf](https://mcusercontent.com/ad3d7801a3707d168c030e520/files/2a975c86-852a-f3bc-5cf7-a2a4ef6483c7/24cong_callforpapers.pdf)

### 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 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 responsive to farmer's 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)

### Launch of Dam and Network Safety Assurance (DNSA) Course - 3rd Batch

Inviting registrations/ nominations for online certification in dam and network safety assurance- Batch-III - ICID invites you to join the first-ever LMS-based certificate course on dam and network safety assurance. The course covers the entire gamut of establishing a dam and network safety regime and all the techniques involved in assuring the dam and network safety. You can register online here <https://damsafety.co/register> and for more information click <https://damsafety.co/>

### 11th International Drainage Symposium; August 30 - September 2; Des Moines, Iowa

Solutions to agricultural drainage challenges and opportunities will be the focus of the 11th International Drainage Symposium, held August 30-September 2, 2022 at the Marriott Des Moines Downtown in Des Moines, Iowa, USA. Two days of sessions will highlight challenge of increasing agricultural production on the world's poorly drained soils in a changing climate, with ever-increasing water quality and quantity concerns, will require technical, economic, policy, and social perspectives. The third day of the symposium will feature field tours highlighting some of the innovative drainage work happening in the local area. The symposium will provide an opportunity for the research, agency, industry, and practitioner communities to interact, share experiences, and address emerging issues related to agricultural drainage. For more information please click the link: <https://www.swcs.org/events/conferences/22ids/>

### International Workshop on "Public-Private-Partnership (PPPs)

International Workshop on "Public-Private-Partnership (PPPs) in Irrigation

and Drainage Operation and Maintenance toward sustainable Irrigated Agricultural water management" 04 October 2022, 14:00-18:15 hours (TBC) Adelaide, Australia.

The objective of this workshop is to follow-up the IOA Workshop in Denpasar, Bali Indonesia that was conducted on 2nd 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 that are having practical experiences on PPPs under the PIDM or IDMT programs both on conventional irrigation as well as on 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](mailto:hafiedgany@yahoo.com); [hafiedgany@gmail.com](mailto:hafiedgany@gmail.com))

**Workshop Coordinator:** Er. Harish Kumar Varma, Executive Director, ICID Central Office ([icid@icid.org](mailto: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. At the

current consumption rate, it is projected that by 2025, two-thirds of the world's population may face water shortages. 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 economic water scarcity is a result of poor water resources 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 at Adelaide, Australia.

### Schedule For Submission Of Abstracts / Full Papers

- i. Submission of abstracts (max. 300 words) : **30 May 2022**
- ii. Notification of acceptance : **15 June 2022**
- iii. Submission of full papers (max. 10 pages) : **30 July 2022**
- iv. Notification of acceptance of full papers : **12 August 2022**

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)

## 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 how to implement the water-energy-food nexus in agriculture. The focus will be on the practice 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".

### Schedule For Submission Of Abstracts / Full Papers

- Submission of abstracts (max. 600 words) : **30 May 2022**
- Notification of acceptance : **15 June 2022**
- Submission of full papers (max. 10 pages of A-4 size) : **30 July 2022**
- Notification of acceptance of full papers : **01 August 2022**

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 email: 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)

## Call for abstracts for the International Workshop on "Nonconventional Irrigation in High Value Agriculture - Application of Modern Technologies" to be held on 04 October 2022 (TBC) in Adelaide, South Australia

This workshop is being organised by the Working Group on Use of Non-conventional Water Resources for Irrigation (WG-NCWRI), under the auspices of the International Commission for Irrigation and Drainage (ICID) in conjunction with the Irrigation Australia Limited (IAL).

### Workshop Themes:

- Fundamental/Applied science of nonconventional water irrigation and drainage
- Application of sensors and remote sensing in high value horticulture
- Numerical modelling for better decision making of using nonconventional water in orchards
- Environmental, economic, social, and cultural aspects of nonconventional irrigation
- Gender equity in high value horticulture irrigated with nonconventional water

For more information please click the link [https://icid-ciid.org/icid\\_data\\_web/Workshop\\_AMT.pdf](https://icid-ciid.org/icid_data_web/Workshop_AMT.pdf)

## FORTHCOMING EVENTS



**24<sup>th</sup> ICID  
INTERNATIONAL  
CONGRESS  
73<sup>rd</sup> IEC MEETING**  
3<sup>rd</sup> OCT - 10<sup>th</sup> OCT 2022  
ADELAIDE - SOUTH AUSTRALIA

**73<sup>rd</sup> IEC Meeting and  
24<sup>th</sup> 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.eom.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) have 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 4 October 2022 on enhancing the performance of canals, reservoirs and dams using geosynthetics.



**74th IEC Meeting and 4th World Irrigation Forum 16-22 April 2023, Beijing, China.** Theme: Modernization 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, Email : gaoh@iwhr.com, cncid\_office@sina.com, lihui.gao@qq.com. Location - Guoche International Convention & Exhibition Center, Beijing, China



**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/>

Contact: wafae.elkhoumsi@gmail.com; bartali.h@gmail.com; m.benmoussa@iav.ac.ma; anafide.ma@gmail.com

**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 modernization of irrigation for food security and sustainability.



**75th IEC Meeting and 25th ICID Congress 6-13 November 2023, Vizag, Andhra Pradesh, India.** Theme: Tackling Water Scarcity in Agriculture Contact: rishi1964@yahoo.com, yellark@gmail.com



## UMASS AMHERST to Welcome Dr. Srinivas Chokkakula as Inaugural Fulbright-Nehru Visiting Chair in Fall 2022

The University of Massachusetts Amherst will host Dr. Srinivas Chokkakula, Research Chair of the Ministry

of Jal Shakti at the Center for Policy Research in New Delhi, India and a long-term associate of ICID, as its inaugural Fulbright-Nehru Visiting Chair for Indian Studies in Fall 2022. Chokkakula will be based within the School of Public Policy where he will teach a class on Indian public policy and water governance. As of spring 2022, UMass Amherst has 1,069 students enrolled from India.

The program is part of a new, joint initiative between the university and the United States-India Education Foundation (USIEF) to host distinguished scholars and practitioners from India to teach, research and contribute to the academic life at UMass Amherst. The university is one of two campuses to host this prestigious Fulbright program, the other being Emory University.

"The visiting chair will make an important contribution to our scholarly community by catalyzing further research and teaching," says Chancellor Kumble R. Subbaswamy. "We also hope that the presence of the

chair will allow our faculty and students to make tangible connections with Indian institutions, thus furthering our partnership and student mobility goals."

"I am delighted that UMass Amherst was chosen as an inaugural institution to host this signature partnership with USIEF, which will not only bring greater visibility to Indian studies on our campus but also strengthen our close partnership with the Fulbright Program," says Kalpen Trivedi, vice provost for global affairs and director of the International Programs Office.

In addition to Chokkakula's work as research chair for the Ministry of Jal Shakti, he leads the Transboundary Rivers, Ecologies, and Development studies (TREADs) program. His research and policy interests lie primarily in the water sector, focusing on transboundary and interstate water conflicts and governance, as well as federalism and politics of infrastructure development, including dams, smart cities and rural roads. Srinivas is currently also a member of the Drafting Committee of India's National Water Policy.

With interdisciplinary training in geography, planning and engineering, Chokkakula's earlier work included urban and regional planning; local governance in India; disaster response

and reconstruction; and Indigenous knowledge systems. He was a Chevening Scholar in the British Council's Young Indian Environmental Managers program in 2000.

USIEF's Executive Director Adam J. Grotzky says that "the Fulbright-Nehru Visiting Chair will increase visibility and generate awareness about India on the University of Massachusetts Amherst campus and inspire faculty and graduate students to deepen their interest and strengthen their connections with India."

he Republic of India is the most populous democracy in the world, home to over 1.3 billion people, with an estimated GDP of \$3 trillion, the sixth highest in the world. By 2025, India's middle class could represent more than 55 percent of its population, according to World Bank economist Ejaz Ghani, which would make it home to the largest middle class in the world. India ranks second for international students pursuing higher education in the U.S., with more than 167,582 Indian students enrolling during the 2020-21 academic year.

<https://www.umass.edu/news/article/umass-amherst-welcome-srinivas-chokkakula-inaugural-fulbright-nehru-visiting-chair>



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