

# News Update



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

APRIL 2022

## From Secretary-General's Desk

Dear Colleagues,

This has been a busy month for ICID, with several online and offline activities taking place. Early in the month, the President, I, and some ICID Officers virtually and physically participated in the successfully organized International Conference on 'Hydropower & Dams Development for Water and Energy Security under Changing Climate' by ICOLD and its India chapter. The conference venue was close to one of the largest dams in India, a perfect background for the conference delegates who visited the dam after the conference. In a way, I feel that any event venue should ideally be meaningful for the event theme. It makes the whole experience intellectually and emotionally satisfying. ICOLD has been a long-term partner of ICID, and both organizations mutually support each other in their technical programs; and



to further cement this beneficial relationship, an MoU is being signed by both ICID and ICOLD at an event in France.

I am pleased to share that world-renowned water experts Prof. Asit Biswas and Dr. Cecilia Tortajada visited the ICID Central Office to meet us and discuss various water policy issues. The meeting was very well attended by ICID SG (Hon.) and representatives of the Central Board of Irrigation and Power (CBIP-India), the Central Water Commission of India, the Center for Policy Research (CPR-India) and long-term friends of ICID. The meeting quickly turned into a lively discussion on water policy development from a comparative global perspective and transboundary water-sharing issues. Prof. Biswas assured of his continued wholehearted support for ICID's mission and programs.

The preparations are in the final stages for the next ICID Congress in Australia in October 2022 and we have received more than 150 papers from experts from all over the world to address the Congress Questions on the role of emerging technologies and multi-disciplinary dialogues in better management

of agricultural water. Simultaneously, the announcement for the 4th World Irrigation Forum (WIF4) next year in Beijing-China has been recently released by the Chinese National Committee of ICID (CNCID). We are distributing the concept note giving details of the main theme and sub-themes of WIF4. More details are available in this issue of the News Update.

Again, I would like to urge all of us to consider sending nominations for the 2022 ICID's WatSave Awards and Recognition of World Heritage Irrigation Structures (WHIS) through appropriate National Committees (NCs) of ICID. Please be reminded that the deadline is 30th June 2022. These will be presented during the upcoming ICID events in Australia.

Wishing you all the best!

**Ashwin Pandya**  
Secretary-General, ICID

## ICID Participated in the International Conference on Hydropower & Dams Development for Water and Energy Security – Under Changing Climate at Rishikesh (7-9, April 2022)

A two-day International Conference on "Hydropower and Dam Development for Water and Energy Security - Under Changing Climate" was jointly organised by THDC, INCOLD (Indian Committee on Large Dams) and CBIP (Central Board of Irrigation and Power), in which ICID served as knowledge partner. It was held from 7 – 9 April, 2022 at Rishikesh-India. The Conference was aimed at Scientists, Researchers, Engineers, Geologists, Regulatory Bodies, Government Departments, developers, contractors, consultants, and Students working in Dam Engineering, Dam Design, Hydropower Development, Environmental Engineering, and Structural Hydraulics. A total of 70 full technical papers were received from the national and international dam experts

from 15 countries, out of which 42 were presented during the plenary and 6 technical sessions, adding new dimensions to the body of knowledge on the subject. More than 350 participants from India and overseas participated in the event. ICID was represented in both virtual and physical modes. In physical ICID is represented by Secretary-General Eng. A.B. Pandya, Executive Director Eng. H.K. Verma and Director (Technical) Eng. B.A. Chivate, whereas President Prof. Ragab Ragab and PH Eng. Felix Reinders attended the conference virtually. Prof. Ragab Ragab talked about the ICID's key interest in Dams and Reservoirs. He covered the core area in the segments of dams and reservoirs through his presentation entitled "Dams, do we need them?



Their Pros, Cons, Safety, and Impact An Introduction to the Main Issues" under the theme "Sustainable Development of Dam & Hydropower". He emphasized the importance of dams and reservoirs to ICID as irrigation consumes more than 70 per cent of global freshwater resources under the impact of population growth. Eng. Felix Reinders, Hon.

ICID President made his presentation on “Water-Energy-Food Nexus: The Importance of Water” under the theme of Sustainable development of dams and hydropower. SG Eng. A.B Pandya talked about the 70-years legacy of ICID in the field of sustainable water management in agriculture. He explained the role of ICID in sustaining efficient and innovative irrigation practices as ICID covered more than ninety per cent of irrigated areas of

the world. SG Eng. A.B Pandya also made a presentation on “CLIMATE CHANGE ADAPTATION AND INTEGRATED WATER RESOURCES MANAGEMENT (IWRM)”. The technical sessions covered the themes Government Policies for Dams and Hydropower Development for Water and Energy Security, Sustainable Development of Dams and Hydro Power, Sedimentation Management, Environmental and Socio-economic

Aspects, Dealing with Hazard and Risks, Financing, Legal and Contractual Aspects of Dams for Sustainable Development, Future Developments & Dam Safety Management The conference concluded with the study tour of Tehri Dam, one of the largest dams in India.

For more please visit < [https://icid-ciid.org/inner\\_page/160#Rishikesh](https://icid-ciid.org/inner_page/160#Rishikesh) >

## Prof. Dr. Ragab Ragab participated in the World Heritage Irrigation Structure Summit in Kumamoto on 11 April 2022

The Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan; and the Japanese National Committee (JNCID), organized a special event on the World Heritage Irrigation Structure Summit in Kumamoto on 11 April 2022. The participants included representatives of the management organizations of the 44 ICID Registered WHIS facilities in Japan; officials from MAFF and JNCID. ICID President Prof. Dr. Ragab Ragab participated virtually and delivered a message along with a brief presentation. Dr Ragab Ragab appreciated contribution of the Japan Nation Committee, JNCID including the following activities organized by JNCID:

- 14th IEC Meeting, September 1963, Tokyo, Japan • 7th Afro-Asian Regional Conference, October 1989, Tokyo, Japan
- In addition, JNCID has organized many workshops and seminars and also invited ICID Office Bearers.
- Actively supporting ICID activities in bringing out publications, and participation of young professionals in ICID activities.



The event was organized as part of the 4th Asia-Pacific Water Summit (4thAPWS) in Kumamoto on 23-24 April 2022. Hon'ble Vice Minister of MAFF introduced ICID's WHIS initiatives in his address.

For more please visit < [https://icid-ciid.org/inner\\_page/191](https://icid-ciid.org/inner_page/191) >

Dr. Yohei Sato, Former Chairman of the JNCID, delivered the Keynote Speech, which, was followed by a panel discussion. Finally, “Kumamoto Declaration” was adopted.

- 5th ICID Congress, May 1963, Tokyo, Japan

## Prof. Asit K. Biswas, University of Glasgow and Dr. Cecilia Tortajada, Senior Research Fellow, Institute of Water Policy, Singapore visited ICID Central Office

Prof. Asit K. Biswas, Visiting Professor, University of Glasgow and Dr. Cecilia Tortajada, Senior Research Fellow, Institute of Water Policy, Singapore visited ICID Central Office on 25 April 2022 and held discussions with Er. A.B Pandya, Secretary-General and other senior staff at Central Office. Er. A.B Pandya welcomed Prof. Asit and Dr. Cecilia, and briefly introduced other members of the partner organizations of ICID who joined the meeting via virtual mode including Prof Rangachari, honorary research professor at CPR, Mr Vivek Kapadia, Secretary, Government of Gujarat and Director, Sardar Sarovar Project. Hon. Secretary-General of ICID Mr Gopalakrishnan also attended the meeting virtually.

During the meeting, Secretary-General A.B Pandya had discussions on the preparation of the 73rd IEC and 24th ICID Congress to be held in Adelaide,



South Australia, from 3rd -10th October 2022. Mr Vivek Kapadia, Prof. Rangachari, Eng A.B Pandiya and others also discussed Gujarat (India) Water Resources, Transboundary Water-sharing Issues, the National Water Policy of India, Energy & Water Issues in China, Dams Resettlements, Ownership and Investment.

Secretary-General Eng. A. B. Pandya briefed about ICID forthcoming events, including 10th International Micro Irrigation Conference, 25-27 January 2023, Dakhla, Morocco and 74th IEC Meeting and 4th World Irrigation Forum (WIF4).

Eng. A. B. Pandya thanked all the meeting participants for insightful discussions and invited them to the 24th Congress of ICID in Adelaide, South Australia.

### About the Visitors

#### PROF ASIT K. BISWAS

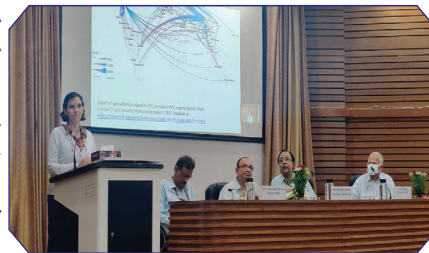
is universally acknowledged as one of the world's leading authorities on water, environment and development-related issues. He has had a very distinguished career as an academic; a senior public official in Canada; advisor and/or confidant to Presidents, Prime Ministers and Ministers in 19 countries, six Heads of United Nations Agencies, two Secretary-Generals of OECD, several Heads of bilateral aid agencies, and four CEOs or Chairmen of major MNCs. He was a member of the World Commission on Water and co-founder of International Water Resources Association and World Water Council. He was a member of the Global Agenda Council of the World Economic Forum and is currently member of the International Advisory Board, Pictet Asset Management, Geneva; member of the Advisory Board, Indian Institute of Technology, Kharagpur; and Strategic Advisor, Singapore International Water Week. Among his numerous awards are Stockholm Water Prize, considered to be the Nobel Prize for water; Crystal Drop and Millennium Prizes of the International Water Resources Association; Walter Huber Prize of the American Society of Civil Engineering; "Person of the Year" award of Canada; and Aragon Environment Prize of Spain.



He has received seven Honorary Doctorates from leading global universities. He is the author of 88 books and over 500 papers, which have been translated into 41 languages.

#### DR. CECILIA TORTAJADA

is Professor in Practice, School of Interdisciplinary Studies, University of Glasgow, UK; and Adjunct Senior Research Fellow, Institute of Water Policy, Lee Kuan Yew School of Public Policy, National University of Singapore. The main focus of her work is on impacts of global events on water resources, food, environment and societies.



She has been advisor to major international institutions like FAO, UNDP, JICA, ADB, OECD, IDRC and GIZ, and has worked in countries in Africa, Asia, North and South America and Europe on water and natural resources and environment-related policies. She is a member of the OECD Initiative on Water Governance.

She has published more than 80 papers in refereed international journals, more than 40 book chapters, and edited more than 50 book volumes. She has written more than 200 opinion pieces in academic, news and popular outlets. Her work has been translated into Arabic, Chinese, Farsi, French, German, Hindi, Japanese, and Spanish.

## Water and Land Management Institute (WALMI) Director Dr. Rajendra Poddar Visited ICID Central Office

WALMI Director Dr. Rajendra S Poddar visited ICID Central Office on 12 April 2022. Secretary-General A. B. Pandya and Eng B. A. Chivate Director (Technical) welcomed him and Eng A. B. Pandya had a brief discussion about ICID, its activities, and its vision for 2030. Eng. A. B. Pandya explored the common areas of interest with Dr. Rajendra S Poddar such as sustainable irrigation water management in agriculture since both the organizations have a common agenda and institutional credibility in water resources management. Secretary-General also invited and updated the visitor for ICID Foundation Day on 24 June and 73rd IEC and 24th ICID Congress to be held in Adelaide, South Australia from 3rd -10th October 2022. They also discussed the upcoming 10th International Micro Irrigation Conference, 25-27 January 2023, Dakhla, Morocco and 74th IEC Meeting and 4th World Irrigation Forum (WIF4), from 16-22 April 2023 in Beijing, China.

Dr. Rajendra S Poddar appreciated the ICID for its water management and irrigation work. He also assured the future engagement of WALMI with ICID in common areas of interest.

### About WALMI

WALMI, Aurangabad-India is widely known as the first and



foremost training institute in water and land management all over the country. The rich and varied experience possessed by the Institute, well trained and highly qualified faculty members of all disciplines related to irrigation water management, beautiful and well-developed infrastructure, well-equipped computer center, library and laboratories and the dedication and commitment of faculty and other staff of WALMI are some of distinguishing characteristics.



# Fourth World Irrigation Forum (WIF4)

16-22 April 2023, Beijing, China



World Irrigation Forum is a flagship event of International Commission on Irrigation and Drainage (ICID). The 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 74th International Executive Council (IEC) Meeting in cooperation with the host Chinese National Committee on Irrigation and Drainage (CNCID) 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 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 schemes is of utmost importance in current times.

Modernization of irrigation schemes 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 WIF4 logo benefits. The topic of modernization and revitalization of irrigation schemes is relevant to the vision and mission of ICID and of interest for its members. Thus, the flagship event of ICID, World Irrigation Forum 4, WIF4 aims to highlight the importance of modernization of irrigation schemes 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

Schedule for submission of abstracts/full papers

- Submission of extended abstracts (max. 300 words): **15 July 2022**
- Notification of Acceptance: **15 August 2022**
- Submission of full paper (10 pages of A4 size): **15 October 2022**
- Notification to the author regarding oral/poster presentation: **15 December 2022**

**Contact Coordinates:** WIF4 Secretariat: Mr. Gao Lihui Executive Secretary Chinese National Committee on Irrigation and Drainage (CNCID) 1, Yuyuantan South Road Beijing 100038, China Email: gaoh@iwhr.com, cncid\_office@sina.com, lihui.gao@qq.com, Tel. : +86 10 6878 1193

**ICID Central Office:** Er. B.A. Chivate Director (Technical) and WIF4 Coordinator, ICID, 48 Nyaya Marg, Chanakyapuri, New Delhi, India. E-mail: icid@icid.org

Call for Papers: [https://www.wif.icidevents.org/InfoDocs/Call\\_for\\_papers\\_WIF4\\_2023.pdf](https://www.wif.icidevents.org/InfoDocs/Call_for_papers_WIF4_2023.pdf)

For submission of Abstracts and more information, please visit <https://wif.icidevents.org/>

ICID Young Professionals e-Forum (IYPeF)

e-Discussion: Innovation and Research in Agricultural Water Management to Achieve Sustainable Development Goals

| 18 May 2022 to 1 June 2022 | URL: <https://bit.ly/3wtM5c6> |

Eng. Ms. Aya Mohammed Hassan Ali Elkholy, Egypt (IYPeF Coordinator), and Dr. (Ms.) Heidi Salo (IYPeF Joint Coordinator)



The e-Discussion aims to bring together young professionals with expertise in the field of irrigation and drainage to discuss the topic “Innovation and Research in Agricultural Water Management to Achieve Sustainable Development Goals”.

**The objectives are:** (1) To get an insight into the current state-of-art in research and innovation in agricultural water management at global, regional and local scales; (2) To discuss the possibilities to get new innovations into practice and how to monitor or measure the functioning of new innovations in promoting the sustainable development goals; and (3) To highlight the views of young professionals in regards to innovation and research in agricultural water management.

**Expected outcomes:**

During the IYPeF e-Discussion, views of young professionals in the field of irrigation and drainage will be shared on the effects of agricultural water management on achieving or promoting SDGs. The following questions will be explored:

1. What is the role of agricultural water management (irrigation and drainage) in meeting the rising food demands of the increasing population from local to global scale (SGD 2)?
2. How can the agricultural sector promote gender equality (SGD 5)?
3. What are the recent innovations in agricultural water management to mitigate climate change (SGDs 13, 15) and promote good water quality (SGDs 6, 14)?

4. What are the state-of-the-art technological advancements in the field of agricultural water management? What aspects need more innovation and research to ensure life on land and life below water?
5. What is the role of the global agricultural sector to ensure peace, justice and strong institutions (SGD 16) through responsible consumption and production (SGD 12)?
6. How could IWRM better be put into motion to achieve sustainable agriculture on a local, global and regional scales?

**Background Note for Discussion:**  
<https://lnkd.in/dPTcyrTG>

ICID ANNOUNCEMENTS

**Nomination Invited for 2022 ICID Awards**

ICID is pleased to announce the “Call for Nominations for 2022 WatSave Awards and Recognition of World Heritage Irrigation Structures (WHIS) for the 73rd IEC Meeting and 24th ICID International Congress on Irrigation and Drainage 2022, South Adelaide, Australia.

**WatSave Awards 2022**

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 are 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) Farmer.

Nominations are invited from individuals/team through National Committees/Committee. 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, who should be in touch with the nominee and must be aware of his/her work. For more information please click the link: <http://icid-ciid.org/award/watsave/43>

**World Heritage Irrigation Structures (WHIS) 2022**

A Task Team is set up every year to select historical drainage/drainage structures as received from various National Committees (NCs) to give them recognition on the lines of World Heritage Sites (as recognized by UNESCO). Nominations are invited from ICID National Committees for selection of “World Heritage Irrigation Structures” (WHIS) that includes both old operational irrigation structures as well as those having an archival value.

A National Committee can nominate more than one structure, using 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 2022

More information including the detailed procedure for nomination and criterion for the awards can be accessed at <http://icid-ciid.org/award/his/44>. For any queries, please contact [icid@icid.org](mailto:icid@icid.org).

**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) 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: [file:///C:/Users/admin/Downloads/Call\\_for\\_Papers\\_for\\_WG-IOA\\_2022%20\(3\).pdf](file:///C:/Users/admin/Downloads/Call_for_Papers_for_WG-IOA_2022%20(3).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](mailto: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"**

**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 [file:///C:/Users/admin/Downloads/1st%20Circular\\_Nnonconventional%20water\\_workshop\\_4OCT2022\\_Australia.pdf](file:///C:/Users/admin/Downloads/1st%20Circular_Nnonconventional%20water_workshop_4OCT2022_Australia.pdf)

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

## OBITUARY

**Mr Abdallah BEKKALI (1930-2022)**



With profound grief, we inform the sad news of the passing away of President Hon. Abdallah BEKKALI, Founder President of ANAFIDE, Vice President of ICID during the term 1974-77 and a world renowned agricultural engineer & highly respected member of the entire ICID family. His services were immense not only to the Moroccan National Committee but also to ICID, at large.

Under his leadership, ANAFIDE organized several regional and international activities in collaboration with ICID and its national committees. Among them is the 13th international ICID Congress in September 1987 in Casablanca Morocco.

He marked Moroccan national agriculture since 1960. As former Secretary-General of the Ministry of Agriculture in the mid-sixties, he played a decisive role in the creation of regional boards of Irrigation. With the creation of IAV Hassan II, an outstanding multidisciplinary academic and research institute in agriculture in Morocco, he marked in a unique way the training of Engineers, Doctors and senior executives that Morocco and Africa need to develop irrigation and drainage and lay out the basis for sustainable Agricultural Development and south-south cooperation.

On behalf of ICID fraternity, we express our deep sympathy and condolences to the bereaved family and to the Moroccan National Committee on Irrigation and Drainage (ANAFIDE). We wish strength and peace to his near and dear ones at this time of great grief. With his passing away, the irrigation and drainage community lost a very distinguished member. We personally feel the vacuum, as we considered him as a friend and mentor. May his soul rest in eternal peace!

(Tentative), NC Contact : Mr. Gao Lihui, Executive Secretary, Chinese National Committee on Irrigation and Drainage (CNCID), 1, Yuyuantan South Road Beijing 100038, Email : gaoh@jwhr.com, cncid\_office@sina.com, lihui.gao@qq.com. Location - Guoce International Convention & Exhibition Center, Beijing, China

**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

**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 modernization of irrigation for food security and sustainability.

## 73rd ICID Foundation Day Celebration

The International Commission on Irrigation and Drainage (ICID) will be celebrating its '73rd Foundation Day' on 24 June 2022. It is a matter of great pride and jubilation for the ICID fraternity to observe the Foundation Day by re-dedicating to the mission of ICID through its increasing network of member countries spread across the globe. ICID requests all the National Committees/Committee/Direct Members to commemorate the day as 'ICID Foundation Day' by organizing events, including scientific/professional meetings,

brainstorming sessions, essay and drawing competitions to create

awareness about the current issues on water and food security in the domain of agricultural water management. All the NCs are requested to provide a brief feedback on the celebration of the

Foundation Day along with some good quality pictures (in JPG/GIF/TIF format) to the ICID Central Office (E-mail: [icid@icid.org](mailto:icid@icid.org)) for its coverage in the upcoming ICID newsletters.

## ICID Initiative for a Global Inventory of Irrigation and Drainage Schemes



### Need a Global View

Irrigated agriculture forms the kingpin of the food and water security of the country and the region. Systematic irrigation is practised through irrigation projects of various sizes, which provide the assured source for a sustainable and timely water supply. Thus, an irrigation project forms the atomic unit of irrigation and water resources development. Across the world, irrigation is practised under varying agro-climatic conditions and topography and area appropriate solutions for the same determine the features of individual irrigation projects.

A global view of the irrigation and drainage projects provide great insights into various development approaches followed across the world, their success and their performance. It is observed that the topographic, hydrologic, agronomic and social conditions form a unique combination in which an irrigation project gets planned and implemented. Hence, there is a need to have a global view of the developments which show us the measures adopted and their contexts under a multi-dimensional environment. Attempts are made by various

researchers and practitioners to examine specific issues but examination of a project as a whole in a global context requires a repository of information through which the individual projects of interest can be visualized and approached for lessons.

ICID is the only major international scientific and technical organization that, through its membership network, spans across more than 90% of the irrigated areas of the world. The necessity for having a global view of projects devoted to irrigation and drainage is greatly felt by the member countries and also across the world by various agencies. ICID has, therefore, taken initiative to collect and provide a community knowledge base of irrigation and drainage projects which can work as a common pool resource for understanding the status of development and approaches used for the development and management project under varying conditions.

### Setting up a Register of World Irrigation Schemes

Various registers exist in the field of engineering structures and other entities,

the most notable from the water resources angle being the World Register of Dams being maintained by the International Commission on Large Dams (ICOLD). ICID is also maintaining a World Register of Heritage Irrigation Structures and awards recognition to the structures meeting the eligibility criteria.

Most registers examined are about structures and individual components of a system and none recording the features of irrigation and/or drainage project on a worldwide scale. It is, therefore, felt that such a register should be established for irrigation projects and ICID being a key player in the fields of irrigation and drainage is the most suitable agency for the establishment of a Register on "World Irrigation Projects". The authenticity of the projects in the register will be obtained through ICID National Committees

The facility is presently located at [www.icidevents.org/WorldIrrPrjs/Default.aspx](http://www.icidevents.org/WorldIrrPrjs/Default.aspx) and is in the development phase. At the appropriate time, once a critical mass of data is available, the same will be migrated to a dedicated domain duly registered.



ICID-CIID

International Commission on Irrigation and Drainage (ICID)

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