

# News Update



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

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## From Secretary General's Desk...

Dear Colleagues,

As we approach the upcoming 9th International Micro-irrigation Conference (9IMIC) from 16-18 January 2019 in Aurangabad, India, I have the pleasure of sharing my recent observations as part of ICID's study visits to solar-operated irrigation projects in and around New Delhi, India. Our team visited Jain Irrigation's project site in the northwest State of Punjab where they have installed several solar panel batteries to pump water from a canal network to irrigate the fields of nearby farmers.



The project is a very good example of cooperation among local government officials, project staff and farmers. Assured supply of water has made a significant impact on the income level of farmers, who are able to cultivate horticultural and other cash crops such as mustard. The site also had storage tanks made of concrete to ensure continuous water supply even when there is no sunlight. As a result, the agriculture in this water-stressed area has revived and helped mitigate urban migration of villagers. As our freshwater availability for food production is stressed, we need to look out for newer sources of water for irrigation, improve irrigation efficiency by reducing transport losses, precision application and better management. We

also observed similar systems in the Alwar region of the State of Rajasthan, however, there they have solar-assisted pumps to draw groundwater for irrigation of spring onion farms. The Delhi-based Water Technology Center (WTC) has been working in this area for last several decades and replicating the success in 35+ villages to benefit thousands of farmer families. This site had a very interesting business model as some progressive farmers have now become dealers of irrigation systems and other farm supplies. Prior to Rajasthan visit, we met WTC scientists and observed their commercial-scale research farms equipped with solar-powered drip irrigation technology.

These study visits are part of our preparation to host a high-level delegation from Egypt and Tunisia in January 2019, who are coming to India, to gain valuable experience of success stories of solar-powered irrigation. FAO has collaborated with ICID to facilitate the study tour of these senior level decision makers and we are eagerly waiting for them.

ICID has been part of many other events which have been covered in this issue of the News Update and I am sure you would find these recent visits interesting and inspiring.

Best Wishes,

**Ashwin B. Pandya**  
Secretary General

## 1st Cairo Water Week: Water Conservation for Sustainable Development Cairo, Al Qahirah, Egypt

SG Ashwin Pandya and Dr. Sahdev Singh recently held a meeting with the Hon'ble External Affairs Minister Sushma Swaraj on 17 September 2018 in New Delhi, India. The meeting aimed to brief the External Affairs Minister about ICID activities in various member countries in the form of capacity building, technology transfer, policy development consultancy, reconstruction of water infrastructure and transboundary negotiation on water sharing.

The first Cairo Water Week (CWW1), organized by Egypt's Ministry of Water Resources in partnership with the European Union (EU), Food and Agriculture Organization (FAO), the UN Educational, Scientific and Cultural Organization (UNESCO), Global Water Partnership (GWP), and International Water Management Institute (IWMI), also including other international partners, was held from 14-18 October 2018 in Cairo, Egypt.

CWW1 focused on the theme, 'Water Conservation for Sustainable Development' with an aim to promote water awareness, foster new thinking about the most pressing water-related challenges and take actions towards integrated water resources management (IWRM) and conservation for sustainable development.

The opening ceremony was presided by His Excellency Mustafa Madbouli, Prime Minister of Arab Republic of Egypt, Mr.

## Highlights of the Issue

- + 1st Cairo Water Week: Water Conservation for Sustainable Development, Cairo, Al Qahirah, Egypt | 14-18 October 2018
- + Secretary General A.B. Pandya represents ICID in Dam India 2018 Conference - Storage Dams for Water Security and Sustainable Development held in New Delhi, India | 24-25 October 2018
- + FAO-RNE collaborates with ICID for study tour on Solar Powered Irrigation Systems in India
- + 4th Virtual Meeting of the Management Board (MB) held on 1 November 2018
- + ICID participates in Food Systems Dialogues facilitated by Dr. David Nabarro (2018 World Food Prize winner) in New Delhi, India | 25-26 October 2018
- + ICID, CSIRO discuss potential of Basin Futures for Somalia water resources
- + Call for Papers: Third World Irrigation Forum (WIF3) & 70th IEC Meeting in Bali, Indonesia | 1-7 September 2019



Mohamed Abdel Aty, Egyptian Minister of Water Resources and Irrigation and the Deputy Secretary General of the UN along with some 20 Ministers and more than 40 international delegates. High-level meetings with the President and the Prime Minister of Arab Republic of Egypt, as well as several bilateral meetings were also organized during the event.

Specific themes addressed during the event included water scarcity, health and sanitation challenges and opportunities; science, technology and innovation; climate change and the environment; transboundary water governance and benefit sharing; and water management for sustainable development.

The event provided a forum to discuss water issues in the Mediterranean with a special focus on equitable and sustainable development through systematic approach of integrated water management and to address water-related tensions and conflicts.

### 1st African Young Water Professionals Forum (Af-YWPF)

During the CWW1, the African Regional Working Group (AFRWG) of the International Commission on Irrigation and Drainage (ICID), currently chaired by VPH Dr. Mohamed Abd-El-Moneim Wahba (Egypt), seized the occasion to establish the African Young Water Professionals Forum (Af-YWPF) and organized its first meeting to discuss forum's objectives and mandate. The Af-YWPF was held from 14-16 October 2018. The three-



day workshop included the declaration of the establishment of Af-YWP Forum, hands-on-training workshops, seminars and technical sessions to mainstream the youth towards abundant lucrative opportunities in irrigation and agriculture.

During the inaugural lecture, Secretary General A. B. Pandya urged the African young professionals (YPs) to get connected with the ICID network in their respective country and familiarized them with the knowledge portal of ICID. Since last few years, ICID has been playing a proactive role in strengthening the ICID Young Professional e-Forum (IYPeF) to develop a breed of young water professionals adept in facing the future water challenges. This year too, ICID gave active support to Af-YWPF by sponsoring five YPs from the African region. For more info, please visit: <https://www.cairowaterweek.org/about-us/>

## ICID, CSIRO discuss potential of Basin Futures for Somalia water resources

The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia and ICID have recently signed a Memorandum of Understanding (MOU) for furthering scientific cooperation to encourage joint research and development activities in the development of Basin Futures (BF), a web-based capacity development and planning tool (developed by CSIRO) that helps create various development scenarios in a river basin, particularly in scarce data situations. As part of the MoU, ICID in consultation with CSIRO is exploring ways to jointly promote BF through case studies in ICID member countries and had identified Somalia (Africa) where BF can be applied as a case study to promote its use.

Mr. Amit Parashar, Principal Research Consultant, CSIRO Land and Water (Australia) and his team gave a live demo presentation on BF on 6 November 2018. The meeting was attended by Secretary General Pandya, Executive Director Harish Varma, Dr. Sahdev Singh (Dir-KM) from ICID Central Office and Mr. Abdullahi Hassan Hussein from Somalia. The CSIRO project team was represented by Mr. Parashar, Mr. Carmel Pollino, Mr. Peter Taylor and Mr. Tony Slatyer.

The live demo began with introductory remarks by Mr. Parashar introducing his team virtually followed by a backgrounder about the BF model, which is aimed at supporting developing and emerging economies. Mr. Taylor projected BF as a basin pedia (encyclopaedia of basins) which can be used to search basins all over the world with different parameters and generate content for rainfall, potential evapotranspiration, climate and environment. It aims to answer three questions: (i) How much water do we have? (ii) What are we doing with it and what is the value from that water? (iii) Is there opportunity for future development of water resources?

Mr. Parashar explained that BF (a multi-lingual platform) is not aimed at modelling regulated systems nor supporting water trading or water sharing. The key goal is to enable a cohort of users requiring initial stage understanding of water resources to support planning outcomes in sustainable and climate resilient manner. For demonstration the CSIRO team used the Somalia country data and described various modules for water resource assessment.

Further different development scenarios were presented to answer questions about



demographic, economic and infrastructure changes. The inter-basin sharing of water was also discussed taking into account the climate change impacts. CSIRO team also responded to the questions of Mr. Hussein (Somalia) regarding the application of BF and highlighted its user-friendly features as a cloud-based tool (requiring minimum computing resources from the client side) that brings together high-performance computing and large-scale global data sets to make data analysis accessible and efficient. This can be used to study various development scenarios to help in decision making process.

At the end of the demonstration, SG Pandya thanked everyone for their time for organizing a live demonstration and interesting discussion and proposed to promote BF tool to other National Committees of ICID after the successful completion of Somalia case study.

## 4th Virtual Meeting of Management Board

The fourth (04/18) Virtual Meeting of the Management Board (MB) chaired by President Reinders was held on 1 November 2018 and mainly discussed the Resolutions adopted during the 69th IEC meetings in Saskatoon, Canada in August 2018 and its proceedings which is available at <http://www.icid.org/minutes.html>.

VPH Dr. Ding Kunlun, VPH Laurie C. Tollefson, VP Dr. Brian Wahlin and SG Pandya (Member Secretary) attended the meeting. At the outset, President Reinders welcomed the members including VP Dr. Wahlin, who joined the MB as the Chair of the Permanent Committee on Strategy and Organization (PCSO). The meeting apprised the members of the decisions pertaining to (i) Reviewing the status of 70th ICID Foundation Day Celebrations; (ii) Constitution of Task Team for Financial Aspects of Special Contribution to ICID Budget



from ICID Events; and (iii) Constitution of Task Team on Transboundary Water Management and Effect on Agriculture Water Management (TT-TWM-AWM).

The virtual meeting also discussed matters pertaining to ICID Office Bearers' Election for the term 2018-2021, Allocation of NCs and Strategy Themes among the newly elected VPs, NCs presentation during the Plenary Session of the 70th IEC Meeting in Bali, Indonesia to be held in September 2019. The NCs of Myanmar, Slovenia and Nigeria have been proposed

for giving the presentations. In addition, the proposal for Panel of Judges for ICID awards 2019 including World Heritage Irrigation Structures (WHIS), WatSave Awards and World Irrigation and Drainage Prize (WID) were also deliberated. SG Pandya informed the members about ICID's candidature for the Election to the Board of Governors (BoG) of WWC 2018-2021 under College 5 - Professional and Academic Organizations during the 8th General Assembly, Marseille, France to be held from 29 Nov-01 December 2019.

In 'Any other business' a revised concept note on 'ICID Young Professional's e-Forum (IYPeF)' was circulated among the members with the objective to bring necessary changes in the concept and working rules of the Forum and to make the participation of Young Professionals in various ICID activities more productive and effective. The meeting ended with a vote of thanks to the Chair.

## Dam India 2018: Storage Dams for Water Security and Sustainable Development

Indian Committee on Large Dams (ICOLD) and Central Board of Irrigation and Power (CBIP) in technical collaboration with Central Water Commission (CWC) and in association with Bhakra Beas Management Board (BBMB), THDC (formerly Tehri Hydro Development Corporation Limited), NHPC Ltd., and North Eastern Electric Power Corporation Limited (NEEPCO) organized a two-day conference on "Storage Dams for Water Security and Sustainable Development" on 24-25 October 2018 in New Delhi, India to focus on the various issues related with the creation of more number of storage dams to meet the increasing water demand with greater hydrological variability due to climate change and level of security of water, food and energy.

Around 200 participants from Central and State Government Water Resources/

Irrigation Departments including Central Public Sector Undertakings (CPSUs), Hydropower Corporations, Consultants, Academicians, Construction agencies and equipment manufacturers were present during the deliberations, broadly divided into various technical sessions (i) Storage Dams for Sustainable Development; (ii) Innovation engineering of water storage projects; (iii) Dam Safety Assessment and Risk Management and; (iv) Dam Rehabilitation.

SG Pandya chaired the plenary session on the first day of the conference and gave a presentation on the "Need for storage dams for future water security." In his presentation, SG Pandya stated that India, presently at 1.21 billion and reeling under water stressed conditions, just cannot afford to lose even a single drop of water flowing to

the sea unproductively. He attributed the reasons to the unpredictability of monsoon phenomena with ever present probability of consecutive droughts and limited storage sites available

In view of scarce water and land resources, he emphasized that it would be prudent to conserve maximum water on minimum land. And to store further water underground, we need to have more surface irrigation systems backed by storage to facilitate recharge.

The conference also witnessed participation of ICOLD Board members comprising of dam experts from different regions sharing their experiences on different topics during various technical sessions.

## Dr. Nabarro facilitates workshop on 'Food Systems Dialogues'

Dr. David Nabarro, Special Adviser to the UN Secretary General and recipient "2018 World Food Prize" facilitated and supported a two-day workshop on "Food Systems Dialogues", organized by Bharat Krishak Samaj on 25-26 October 2018 in New Delhi, India. ICID represented

by Dr. Singh, Dir-KM participated in the workshop that aimed to initiate dialogues to support different actors within food systems to work together effectively, as well as to align and, where possible, combine their efforts to work towards a world of Zero Hunger.

Dr. Nabarro in his inaugural speech welcomed all and set the tone by sharing his experience of working in India and the privileged opportunity to reconnect with its people and culture. He shared his vision for a food system that delivers for all, leaving no one behind. Dr. Nabarro, who

has been felicitated for his work on global maternal and child nutrition, emphasized on the existing voids in the food systems leading to undernourishment and food insecurity, particularly in Africa, and what could be more done to make the food value chain healthy and nutritious.

Dr. Ashok Gulati, Infosys Chair Professor for Agriculture, ICRIER, congratulated Dr. Nabarro for bringing the issue of nutrition in food dialogue and stressed the need for connecting farmers to value chains.

Mr. T. Nanda Kumar, Former Secretary Food & Agriculture, Ministry of Agriculture, Govt. of India expressed his views to tackle the sustainability challenge in agriculture owing to erratic rainfall and water scarcity and the dilemma to opt for better science and technology or fall



back on time tested practices.

Dr. H.P Singh, Jain Irrigation Systems Ltd. gave his views on the topic "Water, micro irrigation potential and public investment gap" highlighting that much has happened in agriculture as farmer's income has increased and per unit area has increased with diversification in crop productivity. In addition, to think strongly

for sustainable food system and honing the skills of farmers it is recommended to increase investment in micro-irrigation to boost the agricultural production.

More than 50 people attended the workshop wherein eminent scholars, academicians, leading experts and practitioners exchanged their views, ideas and approaches related to food systems and jointly pursued for commonalities in the dialogues, designed to be interdisciplinary, cutting across sectors, including local and national governments, consumers, farmers, businesspeople, civil society groups and international organisations.

The workshop concluded on an optimistic note, acknowledging stakeholder diversity and inclusion of women farmer voices as the way forward to tackle global hunger.

## FAO-RNE collaborates with ICID for study tour on Solar Powered Irrigation Systems in India

In recent years, solar irrigation has become increasingly viable for countries as a reliable, clean-energy solution for agricultural water management, especially in areas with high-incident solar radiation. As investment costs for solar-powered irrigation systems (SPIS) are decreasing, SPIS technologies are becoming a viable option for many farmers.

Recognising the specific context in each country, the Food and Agriculture Organisation (FAO), Office for the Near East and North Africa (FAO-RNE), Cairo, Egypt seeks to explore how the promise of SPIS can be realised, whilst openly addressing the risks and challenges that come with the technology with focus on how this technology can be used to regulate groundwater use, to provide energy access to rural areas, and to promote innovative investment models and organisational structures.

Towards this endeavour, FAO-RNE has collaborated with ICID to organize a study tour to India for a high-level delegation from Tunisia and Egypt to be held from 6-12 January 2019. The study tour seeks to strengthen institutional capacities for the focal countries (Tunisia and Egypt) with the objective to highlight good practices, provide insights into how the potential of SPIS is realised and how risks are addressed.



The main outcomes of the study tour will aim to achieve the following: (1) learning from existing experiences in India to understand how to promote and regulate the use of SPIS; and (2) providing field knowledge from Indian experiences for visiting technical experts to act as multipliers of knowledge.

As part of the agreement, ICID is going to prepare a comprehensive report on technical, financial and operational aspects of SPIS using case studies from several Indian states. Dr. T.B S Rajput, Emeritus Scientist, Water Technology Centre (WTC), IARI, New Delhi has agreed to prepare the report on 'Risks and Benefits for the Solar Powered Irrigation Systems' based on his three decades of professional experience in the domain of micro irrigation and SPIS. The report will serve as the primary reference for the delegation sponsored by FAO to visit India to observe the current status of SPIS in selected Indian projects and



demonstrating their applicability in other parts of the world.

A meeting was held on 12 October in ICID Central Office, wherein Dr. Rajput further discussed the details of the report with SG Pandya, ED Varma and Dr. Singh, Dir-KM. During the discussion, it emerged that ICID should form a more formal Memorandum of Understanding (MoU) with WTC to project their existing research on the micro irrigation systems.

As part of reconnaissance, SG Pandya and Dr. Singh visited WTC, Indian Agricultural Research Institute (IARI)- (Indian Council of Agricultural Research) ICAR on 9 October 2018 and were briefed by Dr. Rajput and Dr. Neelam Patel, Incharge, Principal Scientist, Soil & Water Conservation Engineering about various projects by WTC with SPIS being the most successful, as they reduce the need for electricity to operate pressurised irrigation systems and can be easily

installed in remote areas with erratic electricity supply. The technology has been tested both on the research farms of WTC as well as farmers' fields in various states of India.

On 26 October 2018, SG Pandya, ED Varma and Dr. Singh had an interaction

with Jain Irrigation Systems Ltd.- a global emerging leader in micro irrigation systems and a direct member of ICID - for arranging a study visit to their irrigation projects on SPIS in various parts of India including community level project in Talwara district in Punjab

state. The ICID officials also visited the Talwara project and interacted with the project implementation team, the local government officials and farmers who are benefitting from the project.

## International Conference on Sustainable Water Management 10-12 December 2018, Chandigarh, India

An International Conference on "Sustainable Water Management" will be held from 10-12 December 2018 at Chandigarh, India as part of the World Bank funded National Hydrology project being implemented by the Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India, Bhakra Beas Management Board (BBMB) and Central Board of Irrigation and Power (CBIP) in technical collaboration with Central Water Commission (CWC) and ICID.

The international conference would see convergence of renowned water

resources experts in academia, industry, utilities and research institutions including other related disciplines from within India and around the world to discuss and deliberate on various aspects of sustainable water management, i.e., meeting the needs of the present generation without compromising the demands of the future generation to sustain their water needs.

Around 500 delegates representing policy and decision makers from Central and State Governments, Officers of Irrigation and Water Resources Departments, Agriculture, donor agencies, academician,

consultants as well as NGOs are likely to participate in the event.

Moreover, the conference would provide an interactive platform for eclectic brainstorming and sharing path breaking ideas and case studies in respect of flood and drought management, hydrology, e-flows, inter-basin water transfer, climate change, intelligent decision support systems, storage projects, etc. to address pressing issues regarding sustainable management of water resources.

More details about the conference is available on the website <http://nhp.mowr.gov.in/Conference/Home.aspx>.

## Visitors to ICID Central Office

### Meeting with ICOLD delegation

Mr. Michael F. Rogers, President, International Commission on Large Dams (ICOLD), U.S.A with his delegation visited ICID Central Office on 22 October 2018 for a brief interaction with SG Pandya and other ICID officials including Executive Director Harish Varma, Dr. Sahdev Singh, Dir-KM and Dr. Vijay Labhsetwar and Mr. Madhu Mohanan, Communication Officer and to collaborate and widen the scope of mutually beneficial activities. At the outset, SG Pandya welcomed the delegation and introduced the Central Office team. ED Varma gave a brief presentation about ICID and its activities and further highlighted the organization's

evolving role over the years in the global irrigation and drainage community.

The ICOLD officials were apprised about ICID network comprising of 78 member countries and its active engagement in various activities in the form of Working Groups, ICID awards, ICID Young Professional e-Forum (IYPeF), triennial ICID Congresses, triennial World Irrigation Forums. SG Pandya informed the delegation about the upcoming major ICID events including the 9th International Micro Irrigation Conference (9IMIC) in Aurangabad, India (16-18 January 2019) and the Third World Irrigation Forum (WIF3) and 70th IEC Meeting in Bali Indonesia (1-7 September 2019).

SG Pandya proposed Mr. Rogers to organize a 'Supporting Event' during WIF3 related to the theme/sub-theme that would provide them an excellent opportunity to engage with other stakeholders and to showcase how they could contribute towards the thematic objectives of the Forum. ICOLD delegation reciprocated to give full support and assured active participation during the Forum.

### VP Belbase meets ICID officials

Vice President Madhav Belbase, NENCID visited Central Office on 31 October 2018 and had a brief interaction with SG Pandya, Executive Director Varma and Dr. Singh, Dir-KM. During the meeting VP Belbase presented copies of the 'Proceedings of the 8th Asian Regional Conference (ARC) in Support of Evergreen Revolution' to SG Pandya and other ICID officials. SG Pandya further deliberated the participation of NENCID in the upcoming ICID events including the 9IMIC in Aurangabad, India and the WIF3 and 70th IEC Meeting in Bali, Indonesia. VP Belbase with keen interest assured active representation from NENCID in the upcoming events.





See you in Aurangabad...!!!

**9th International Micro Irrigation Conference**  
16-18 January 2019

THEME:  
Micro Irrigation in Modern Agriculture

The Indian National Committee of ICID (INCSW) is pleased to welcome you all to be a part of India's major international event- the 9th International Micro Irrigation Conference (9IMIC) to be held from 16-18 January 2019 in Aurangabad, Maharashtra, India.

The three-day event will focus on the main theme 'Micro Irrigation in Modern Agriculture' covering wide range of topics under four sub-themes, namely (i) Micro Irrigation Design, Innovations and New Techniques for increased Crop Productivity; (ii) Micro Irrigation fund and Government support through Micro Irrigation; (iii) Micro Irrigation for Cluster Level Farming and small farm holders; and (iv) Operation & Maintenance Services and Capacity Development for the Micro Irrigation Systems.

More than 120 abstracts have been reviewed by a panel of experts received under "Call for Papers for 9IMIC." Based on the review, the abstracts have been further classified into two different categories (i) oral presentation; and (ii) poster presentation.

Important dates and deadlines:

30 November 2018	Notification of acceptance of abstracts
15 December 2018	Last date for submission of full-length paper
31 December 2018	Notification of acceptance of papers

15 January 2019

Pre-conference National Micro-Irrigation Workshop

19-20 January 2019

Post conference study and cultural tours

\*\* For abstract and paper submission; authors must sign up and create an account through the link: <https://imic2019.ivyleaguesystems.com>

**REGISTER NOW..!!!**

Delegates attending the conference as well as exhibitors can both register for the conference and exhibition online at <https://imic2019.ivyleaguesystems.com>. The details for registration fee slabs payable by the delegates including author of papers for the conference can be accessed @ <http://micro-irrigation2019.com/registration/>

**EVENT HIGHLIGHTS**

The conference aims and plans to provide a global platform for professionals and exhibitors by showcasing knowledge and technologies from the world over and providing business opportunities to the water resources communities. A host of special side events by international organizations including World Bank, Global Water Partnership and other professional societies/ bodies will also be organized. The following high-level concurrent events will be part of the event:

- Irrigation Minister's Roundtable
- Farmer's Pavilion & NGO session
- Sponsors Workshops on Specific Crops
- Workshop on specific Agro Climatic Zone

- Micro Irrigation Awards to Farmer, practitioner, Company, Government

The event will have various programmes that include:

- i. Conference: 3 days of action packed exchange of ideas on Policy for the Development of the Micro Irrigation in Modern Agriculture for Sustainable Water, Food & Agriculture.
  - ii. Exhibition: Core focus – 3 days industry sponsored technology-based exhibition of products depicting latest technology for use of micro irrigation.
  - iii. Supporting Events: Focus on Women Participation, Rural Development and Farmers Participation, Crop/Technology/ Country Specific events.
  - iv. Cultural Tour(s): Full-day Cultural Tour after 3 days to focus on rich cultural heritage of India located in that area.
  - v. Study Tour(s): Full-day Study Tour after the conference to focus on one of the largest micro Irrigation system of India located in that area and visit to a factory. To view in detail, please visit: <http://micro-irrigation2019.com/travel-information/>.
  - vi. Accompanying Person: Full 3 days engagement in local shopping cum visit to cultural sites etc.
  - vii. Social Networking: Other ICID National Committee's Program/ Dinner, Spouse Club, Cultural show/ Film Show.
- More information about the conference is available @ <http://micro-irrigation2019.com>

## International Dam Safety Conference 2019

### 13-14 February 2019 | Bhubaneswar, Odisha, India

Central Water Commission (Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India) in collaboration with Odisha Water Resources Department and the World Bank is organizing the International Dam Safety Conference (IDSC) 2019 on 13-14 February 2019 in Bhubaneswar, Odisha, India.

IDSC is part of the series of Dam Safety Conferences being organized under the aegis of the Dam Rehabilitation and Improvement Project (DRIP), envisaged to provide exchange of knowledge among academia, civil society, government, industry, policy institutes and think-tanks. This knowledge exchange will benefit Indian Dam Managers by providing them with the latest know-how, tools and technology of relevance to dam safety, and capitalize on innovations for managing dams in an effective and

sustainable manner.

The conference will have one Plenary Session (Emerging Challenges in Dam Safety Management), seven Technical Sessions and one Industry Session (Contemporary Developments in Technology, Construction Materials, Products, Instrumentation, and Services). There will be enlightening presentations during the Plenary Session by eminent dam safety professionals in addition to oral presentations covering various facets of dam safety.

The conference program includes an exhibition where the organizations from around the world will be able to showcase their products, and services reflecting the contemporary developments in technology. Several international organizations of repute including ICOLD as well as various National Committees on

Large Dams are the organizing partners for the Conference.

Besides technical interactions, the participants and accompanying persons will be able to enjoy the Odisha state hospitality and participate in several sightseeing tours to prominent world heritage sites (Sun Temple in Konark, Jagannath Temple in Puri and Chilika Lake).

#### Registration

Interested participants are invited to register online by visiting [www.damsafety.in/idsc2019](http://www.damsafety.in/idsc2019), to participate in the Conference. The last date for registration of delegates is 30 November 2018. Participation is by invitation only. For more details, please visit: <https://damsafety.in/idsc2019/>

## ICID invites nominations for 2019

### World Irrigation and Drainage prize

The triennial World Irrigation and Drainage Prize instituted by ICID is awarded to dedicated professionals and institutions who have actively contributed to the development of Irrigation and Drainage during the past 15 years supporting increased agricultural production at regional, national and international levels. The 3rd World Irrigation and Drainage Prize (WID) will be presented during WIF3 to be held in Bali, Indonesia in September 2019. The prize carries an honorarium of US\$ 10000 along with a 'Citation Plaque'.

All National Committees are requested to circulate the 'Call for Nominations' widely amongst professionals / teams / institutions within their country and submit their nominations to ICID Central Office latest by 30 June 2019.

More information including the detailed procedure for nomination and criterion for the prize can be accessed at [http://www.icid.org/wid\\_prize.html](http://www.icid.org/wid_prize.html).

### WatSave Awards

Entries for nominations for WatSave Award(s) 2019 are now open!!

Nominations are invited for the 'WatSave Awards 2019' 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.

The WatSave Awards are given in four categories: (i) Technology (ii) Innovative Water Management (iii) Young Professionals; and (iv) Farmer. The awards will be presented during the 3rd World Irrigation Forum (WIF3) and 70th International Executive Council Meeting of ICID from 1-7 September 2019 in Bali, Indonesia.

The deadline for receipt of the entries from the National Committees along with a completed 'Nomination Form' and related details to the ICID Central Office, New Delhi is 30 June 2019.

For further info, please visit: [http://www.icid.org/awards\\_ws.html](http://www.icid.org/awards_ws.html)

### World Heritage Irrigation Structures

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 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).

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 the neighbouring active NCs or by submitting directly to ICID Central Office.

The fifth batch of WHIS will be included in the ICID Register of WHIS available at [http://www.icid.org/icid\\_his1.php](http://www.icid.org/icid_his1.php) and will be presented a "Plaque", citing the salient features of the WHIS during WIF3 and 70th IEC meeting from 1-7 September 2019 in Bali, Indonesia.

The last date for receipt of nomination to the ICID Central Office is 30 June 2019. For more information regarding the criterion for selection procedure please visit: [http://www.icid.org/his\\_award.html](http://www.icid.org/his_award.html).



The Indonesian National Committee of ICID (INACID) will host the 3rd World Irrigation Forum (WIF3) and the 70th IEC Meeting of ICID from 1-7 September 2019 at the Bali Nusa Dua Convention Centre, Indonesia.

WIF3 aims to formulate a new perspective and strategy for the future of irrigation system and would provide a forum to scientists, researchers, experts and professionals from private and government sectors to network and share experiences and give an excellent opportunity for solutions to be disseminated and recognized by public at large.

### CALL FOR PAPERS

The 'Call for papers' for WIF3 is now available at [http://www.icid.org/WIF3\\_Call\\_for\\_Papers.pdf](http://www.icid.org/WIF3_Call_for_Papers.pdf) for information and abstract submission. The Forum website has been launched and you may access <https://icid2019.com/> for other details of the event. This is for your information and wide dissemination among the members of your National Committee/Organization and others.

**Theme: Development for water, food and nutrition security in a competitive environment**

Papers are invited under the following Sub-themes.

#### A. Sub-Themes

1. Enabling Policy Environment for Water, Food and Energy Security
2. Role of Civil Society and non-state actors with Focus on farmers and Extension Facilities
3. Improving Agricultural Water Productivity with Focus on Rural Transformation

#### B. Innovative Products and Services

Short papers (4 pages of A4 size) on innovative products and services are also invited on the above sub-themes and topics. Please write 'Innovative Products and Services' next to the title of your submission.

#### C. Schedule for submission of abstracts/full papers

- i. Submission of extended abstracts (max. 500 words): **01 February 2019**
- ii. Notification of Acceptance: **15 March 2019**
- iii. Submission of full paper (10 pages of A4 size): **15 May 2019**

iv. Notification to author regarding oral/poster presentation: **31 July 2019**

#### D. Online paper submission

The process for online Extended Abstract submission is now open. New Users may create an account at <https://easychair.org/conferences/?conf=wif3>. If you already have an EasyChair account from past submissions, you may use the same user ID and password to access online submission for WIF3. Please note that only the 'Extended Abstracts' of the papers are required in first stage of submission to enable peer review by an international review team.

Please select one sub-topic only under sub-theme that closely relates with your abstract/paper during submission. Do not select multiple sub-topics.

**\*\*\*PLEASE DO NOT SUBMIT FULL PAPERS AT THIS STAGE as they would not be reviewed\*\*\***

For more information, please contact:

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## News Buzz: ICID National Committees

### IAL-IACID (Australia)

Irrigation Australia's Annual general meeting was held on 25 October 2018. During the meeting Chairman Andrew Ogden thanked the members who took part in the voting process to elect five directors to the Irrigation Australia Board and showing keen interest in the association's activities and events over the past year and the upcoming

opportunities and plans for the year 2018-19. In the meeting the special resolution relating to the amendments to the constitution was passed and the new constitution has now been uploaded to the member's area of the website <https://www.irrigationaustralia.com.au/>.

Congratulations poured in for three re-nominated directors who successfully returned for a further two-year term - Peter

Durand, Business Development Manager for Netafim Australia Pty Ltd, Les Olivieri, General Manager of HR Products and John Pivac, General Manager Sales at Vinidex Pty Ltd. In addition, two new incoming directors, Colin Bendall and Carl Waters were also congratulated and welcomed.

Outgoing director Peter Hayes, who served on the board for six consecutive



years, was acknowledged for his extraordinary service to the board and for providing salient advice and sound corporate governance on the various committees he has been involved in during his tenure. Mr. Hayes also offered to continue with the Australia National Committee for the International Commission on Irrigation and Drainage (IACID). Retiring Director - Ian Penno

was also recognised for his contribution two-year period tenure on the board.

#### Change in Address:

Irrigation Australia Limited (IAL) is closing their Sydney office and relocating to Brisbane from 9 November 2018. In addition, they have also moved from their Mascot head office location to Murarrie, Brisbane. All the National Committees

are requested to correspond as per the new physical address below.

#### New Address

Irrigation Australia Limited  
Unit 11 - 58 Metroplex Avenue  
Murarrie, QLD 4172  
(PO Box 13, Cannon Hill, QLD 4170)  
Ph: (07) 3517 4000; Fax: (07) 3517 4010

## Shastri Indo-Canadian Institute invites applications for Programmes 2018-19

Shastri Indo-Canadian Institute (SICI) is pleased to announce following programmes for the year 2018-19 administered by its offices in India and Canada to engage with the academic fraternity of your institution and assist in establishing greater ties between your partner institution in India and Canada. The programmes seeking applications in the current round are:

1. Shastri Institutional Collaborative Research Grant (SICRG)
2. Shastri Mobility Programme (SMP)
3. Shastri Research Student Fellowship (SRSF)
4. Shastri Programme Development

Grant (SPDG)

5. Shastri Publication Grant (SPG)
6. Shastri Membership Development Grant (SMDG)
7. Faculty Development Programme for Vocational Education (FDPVE)
8. Global Initiative for Academic Network (GIAN)/Faculty-In-Residence Programme (FIR) (Open for Non-members also)
9. Shastri Scholar Travel Subsidy Grant (SSTSG)
10. Shastri Student Internship Project (SSIP)

11. SICI Membership Development Fund (SMDF)

Applications from all domains of studies like Social Sciences and Humanities, Arts, Commerce & Management and STEM subjects are accepted. However, applications are encouraged in the focus areas of SICI and priority areas of Ministry of Human Resource Development (MHRD), Govt. of India.

The details of the programmes are available at <https://www.shastriinstitute.org> or can be accessed directly by visiting the link <https://www.shastriinstitute.org/grants-awards-and-opportunities-for-indian-canadian-scholars>.

## Australia partnering with Nepal to improve water resources management

The Nepal-Australia Joint Advisory Committee has agreed to continue their bilateral partnership focused on river basin planning, ecosystem management and exchange about water management policy options.

Joint Secretary of the Water and Energy Commission Secretariat, VP Madhav Belbase highlighted the partnership as a good example of cooperation among Nepal and Australian scientists and government officials. He stated that Nepal and Australia are very different countries with contrasting water challenges; however, they are very pleased with the progress in their water partnership as Australia is internationally recognised

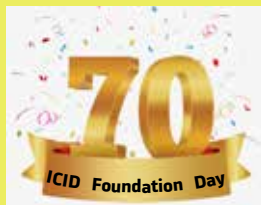
as a world leader in water resources management.

During the meeting they were briefed on recent river basin planning efforts in the Kamala Basin which is being assisted by Australia's premier research organisation, CSIRO. In addition, Australia's International Centre of Excellence in Water Resources Management (ICE WaRM) will continue to provide policy support to Nepal officials in preparing the National Water Resources Policy and associated legislation. Mr. Pete Budd, Australian Ambassador to Nepal, as joint Chair of the Committee, indicated that Australia was open to expand their partnership to new areas.



The Committee will meet again in next six months to monitor the progress in the bilateral water partnership.

## 70th ICID Foundation Day Celebration



ICID will be completing its 70 years of operation in 2019 and to commemorate its pioneering journey and achievements over the last seven decades elaborated activities have been planned. The 69th International Executive Council (IEC) meeting held in Saskatoon on 17 August 2018 agreed to the proposal to celebrate the 70th ICID Foundation Day on 24 June 2019 to its conclusion with the

24th ICID Congress in Sydney, Australia in September 2020, as proposed during the first meeting of the Management Board (MB-1/18) held on 3 May 2018 at Kathmandu, Nepal.

As part of the year-long celebrations, the Central Office has already streamlined the activities presented during the Council meeting in a time bound manner including preparation work for the release of the second edition of the special publication on "Water Saving in Agriculture", a coffee table book (with photos and major accomplishments of each National Committee, historical background and establishment of ICID including its early years) and a short video film highlighting the history and

journey of ICID, since its inception in 1950.

Besides, all the NCs are also encouraged to organize special events involving past and present Office Bearers and other stakeholders to promote ICID and its activities. Various Working Groups (WGs) of ICID are requested to pen their historical journey and proud achievements with young professionals giving in their contribution in the form of audio-visual materials and testimonials.

The celebrations which will conclude in Sydney in September 2020 and would provide an excellent opportunity to reconnect with the past and new members of ICID as well as various water sector stakeholders.

## Events Corner

### ICID Events

9th International Micro Irrigation Conference (9IMIC) on the theme 'Micro Irrigation in Modern Agriculture', 16-18 January 2019, Aurangabad, Maharashtra, India. For more info contact: Mr. Anuj Kanwal, Member Secretary, Indian National Committee on Surface Water (INCSW); Email: [incsw-cwc@nic.in](mailto:incsw-cwc@nic.in); [9imic@wapcos.co.in](mailto:9imic@wapcos.co.in); Website: <http://micro-irrigation2019.com/>

70th IEC Meeting & 3rd World Irrigation Forum (WIF3) on the theme 'Development for water, food and nutrition security in a competitive environment', 1-7 September 2019, Bali, Indonesia. For more info contact: Ir. Adang Saf Ahmad, CES, President, INACID; Email: [inacid.indonesia@gmail.com](mailto:inacid.indonesia@gmail.com); [adangsafa@yahoo.com](mailto:adangsafa@yahoo.com); Website: <https://icid2019.com/>

5th African Regional Conference on Irrigation and Drainage (ARCID), 16-19 March 2020, Rabat, Morocco on the theme: Sustainable Management of Irrigation for Improved Resilience of Agriculture in Africa. E-mail: [bartali.h@gmail.com](mailto:bartali.h@gmail.com), [anafide.ma@gmail.com](mailto:anafide.ma@gmail.com);

Website: <http://www.anafide.net/>

71st IEC Meeting & 24th ICID Congress, 22-24 September 2020, Sydney, Australia. For more info contact: Mr. Bryan Ward, Chief Executive Officer, Irrigation's Australia Limited (IAL) (Incorporating IACID), Email: [Bryan.ward@irrigation.org.au](mailto:Bryan.ward@irrigation.org.au); [info@irrigation.org.au](mailto:info@irrigation.org.au); Website: <http://www.icid2020.com.au>

### Other Events

29th Water in the Bush Conference 2018, 18-19 October 2018, Darwin, Australia. For more details, please visit: <https://bit.ly/2AJkNlB>

International Dam Safety Conference (IDSC) 2019, 13-14 February 2019, Bhubaneswar, Odisha, India. For more details, please visit: <https://damsafety.in/idsc2019/>; Email: [idsc-cwc@gov.in](mailto:idsc-cwc@gov.in)

4th Water Sensitive Cities Conference 2019: Delivering the transition to water sensitive cities: approaches, activities and achievements, 26-28 March 2019, Brisbane. For more details, please visit: <https://watersensitivecities.org.au/content/wsc-conference-2019/>

Water for Food Global Conference 2019 by Daugherty Water for Food Global Institute (DWFGI), 29-30 April 2019, in Lincoln, Nebraska, USA on the theme: Water for a Hungry World: Innovation in Water and Food Security. For more details, please visit: <https://waterforfood.nebraska.edu/news-and-events>.

2019 Floodplain Management Australia National Conference: A National Call to Action: Making Australia Flood Safe, 14-17 May 2019, Canberra, Australia. For more details, please visit: <https://floodplainconference.com/>

ISMAR 10: International Symposium on Managed Aquifer Recharge, 20-24 May 2019, Madrid, Spain. For more details, please visit: <http://ismar10.net>; Email - [info@ismar10.net](mailto:info@ismar10.net)

MinWat 2020: 3rd International Multidisciplinary Conference on Mineral Waters: Genesis, Exploitation, Protection, and Valorisation, 31 March-3 April 2020, Caserta, Italy. For more details, please visit: <http://www.iahitaly.it>; Email: [segratario@iahitaly.it](mailto:segratario@iahitaly.it)



ICID•CIID

### International Commission on Irrigation and Drainage (ICID)

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