



## NEWS UPDATE

## From Secretary General's Desk...

Dear Colleagues,

2015, the year of global consensus has left the challenge of converting the intent into action, presenting an opportunity for 2016 to emerge as the year of global cooperation. We all know that the action phase is going to be tougher than the consensus development phase and would require sharing, cooperation and collaboration among nations and all sectoral development players within the nations. Enhanced involvement of stakeholders would play a key role in implementing new and innovative solutions for solving common challenges.

Effectively integrating nature and its services into sustainable development requires high level of participation supported by intensive communication. As the interactions between society, economy and ecology are complex it requires all parties involved to share common understanding of the issues at stake. Especially for effective and beneficial use of technology the ability to collaborate effectively is decisive and need to be communicated clearly.

Communication, a two-way interactive process, is susceptible to error and if not handled professionally can result in confusion, wasted efforts and missed opportunities. To be successful in communications a development organization needs to have a clear and dynamic strategy. At the same time it cannot be content with the



way it communicates and has to take stock of the prevalent technologies, changing social behaviour, and state of complexity of the issue involved to tune its communication strategies at all times. An example of such efforts come from the India Meteorological Department (IMD). In its efforts to correct prevalent misunderstanding, the 141 years old institution has officially expunged the word "drought" from its vocabulary.

National Committees (NCs) have to re-evaluate/develop their communication strategies under the changed situation to interact with their stakeholders within their countries. The World Irrigation Forum (WIF) is one such effort at the global level to bring all stakeholders in one platform to enhance communication in the field of agriculture water management. It is envisaged that a similar effort would be made by the NCs by organizing National Irrigation Forums (NIF) at local level with closer interactions with their national stakeholders.

I congratulate Malaysian National Committee (MANCID) and Indonesian National Committee (INACID) for taking a lead in this direction and organizing workshops on the theme of the WIF2 at national level to bring national perspectives to the global level during the 2nd World Irrigation Forum (WIF2). With these initiatives, it is hoped would develop into full-fledged NIF with all stakeholders around the table. In India, ICID is supporting the Indian National Committee to organize First India Irrigation Forum in April this year. More information on India Irrigation Forum is presented in this edition of the News Update at page 5.

The capacity development activities under the Working Group on Capacity Development Training and Education (WG-CDTE), established during the last IEC meeting in Montpellier have started in full swing. We are in the process of establishing the Technical Support Unit (TSU) for which call has been sent to NCs to sponsor professionals to support TSU. A training on "On-Farm Water Use and Management" is scheduled to be organized from 17-25 April 2016 in Cairo, Egypt for professionals from African countries.

The World Irrigation and Drainage Prize was established by ICID in 2013 and the first Prize was given at the 1st World Irrigation Forum (WIF1) in Mardin, Turkey. Through this column, I invite all our patrons to help us choose the right candidate for the 2nd World Irrigation and Drainage Prize to be awarded during the WIF2 scheduled in November this year in Chiang Mai, Thailand.

Incidentally, the deadline for the extended abstracts called for various subthemes of the WIF2 is 28th February 2016. It is your opportunity to share the experiences, innovative solutions and initiatives that have with others.

As I mentioned above communication is a two way process. For the communication in this edition of News Update to be effective and useful we seek your feedback and suggestions.

Best Regards,

**Avinash C. Tyagi**  
Secretary General



The India Meteorological Department (IMD), in its efforts to correct prevalent misunderstanding, has officially expunged the word "drought" from its vocabulary. The move comes due to some confusion prevailing over some years and the need to be more precise. It is part of a decision taken to do away with or re-define terms that are not scientifically precise.

Beginning this season, for instance, if India's monsoon rainfall were to dip below 10 per cent of the normal and span between 20 and 40 per cent of the country's area, it would be called a "deficient" year instead of an "All

India Drought Year" as the IMD's older manuals would say. A more severe instance, where the deficit exceeds 40 per cent and would have been called an "All India Severe Drought Year," will now be a "Large Deficient Year".

The drought is characterised by its impact as: meteorological, hydrological and agricultural. It was quite possible for a region to have a meteorological drought — 90 per cent shortfall of the average monsoon rainfall — but not suffer an agricultural drought because drought is not a measure of agricultural productivity.



President Dr. Nairizi delivering keynote address (left) and presenting award to Ms. Saraswati Upadhyaya, Nepal, winner of Youth Video Competition (right)

President Dr. Saeed Nairizi, ICID made a keynote address on the topic 'Securing Water and Food for the Future - Role of ICID' in the Second Asian Irrigation Forum (AIF2) organized by the Asian Development Bank (ADB) on the theme 'Securing Water and Food for the Future' at Manila during 20-22 January 2016. Secretary General Er. Avinash C. Tyagi and Executive Director Er. Harish K. Varma also attended the forum.

Dr. Nairizi during his presentation gave overview of the global water scarcity situation and highlighted the challenges faced by the water resources sector and possible options to address these challenges for sustainable development of irrigated agriculture. He also highlighted initiatives taken by ICID to address the issues and concerns of the sector such as adoption of new Vision 2030 by the ICID, setting up of Technical Support Unit (TSU) in ICID to develop a knowledge base in AWM, to support capacity development of professional staff in agricultural water management in Asia

## 2<sup>nd</sup> Asian Irrigation Forum Securing Water and Food for the Future

and Africa. He also invited participants to attend second World Irrigation Forum (WIF2) on the theme 'Water management in a changing World: Role of Irrigation in Sustainable Food Production' to be organized at Chiang Mai, Thailand during 6-12 November 2016. Dr Nairizi also handed over award to the three winners of Youth video competition on theme 'Who's is growing tomorrow's food'.

AIF2 covered presentations and discussions on various aspects related to revitalizing irrigation performance; innovations to meet future needs for water, energy and food; innovative and improved financing; good governance in irrigation; application of new techniques and technologies irrigation management; private sector participation in irrigation management; institutional challenges etc. AIF2 also provided platform for the youth led debate on Who's is producing tomorrow's food.

Based on discussions during various sessions and roundtable meetings, consensus and agreement emerged on the following points:

1. Developing infrastructure to meet growing water demands and address challenges due to climate variability;
2. Paying focused attention to management, operations and maintenance (MOM) of irrigation systems for their better functioning;
3. Developing capacity of professionals in multidisciplinary aspects;

4. Considering Water users' associations (WUAs) as client and not as beneficiary alone for better service delivery;
5. Importance of Knowledge development and partnerships for wider dissemination and scaling up innovations;
6. Recognizing opportunities for innovations and challenges in scaling them up;
7. Improving efficiency by focusing on scientific asset management and benchmarking of irrigation systems;
8. Attending to the need for education and creating awareness;
9. Exploring all possible financing options including public private sector participation (PPP), performance based contracts, policy based lending etc. by adopting better design of projects;
10. Evolving consensus on governance issues for better governance in water resources sector;
11. Recognizing essentiality of knowledge, awareness and absolute commitment and leadership for good governance;
12. Applying farmer first in planning and implementing all actions;
13. Paying equal attention to ground water management along with surface water management for sustainable development; and
14. Motivating young professionals and empowering women for their involvement in decision making.

## President Nairizi Visits National Irrigation Administration of Philippines

President Dr Saeed Nairizi, accompanied by the Secretary General and the Executive Director, visited the National Irrigation Administration (NIA) of Philippines on 21 January 2016 which also hosts the Philippines National Committee on Irrigation and Drainage (PNC-ICID). The ICID team was welcomed by Er. Florencio F Padernal, the Administrator

of NIA and Chairman of PNC-ICID and a number of other senior staff members. The chair regretted that PNC-ICID has not been active during last few years and informed that the PNC-ICID is now being reorganized and the names of newly elected office bearers would be intimated shortly. Er Florencio promised that PNC-ICID will start very active participation once again. A presentation on the NIA activities was made which brought out the importance that Government of Philippines is giving to irrigation and drainage. Philippines has an irrigated area of 1.7 million ha out of a potential of 3.01 million ha irrigable area and the government is going to invest heavily in irrigation and drainage to increase the area under irrigation. NIA is mandated to construct, operate and maintain irrigation systems in Philippines following the Integrated

Water Resources Management approach, to improve agriculture productivity and increase farmer's income. Philippines also has a very structured approach to farmers' participation in irrigation management in the country through Irrigators' Associations.

Er Padernal informed that NIA is expanding and has recruited young professionals. The ICID team also had a brief introduction with a group of Young Professionals who had recently joined the NIA and were undergoing induction training. President announced that the YP who tops the course will be considered for the ICID scholarship to attend WIF2 in Chiang Mai in November 2016. Er Padernal also announced that the top 3 YPs would be sponsored by NIA to attend WIF2. SG invited all the YPs to join the ICID Young Professional Forum that is being launched shortly.



## Call for Papers

The 2nd World Irrigation Forum (WIF2), together with 67th International Executive Council (IEC) Meeting will be held during 6-12 November 2016 at the beautiful Chiang Mai, Thailand, hosted by Thai National Committee on Irrigation and Drainage (THAICID). The main theme and sub-themes of WIF2 are as follows:

**Theme: Water management in a changing World: Role of Irrigation in Sustainable Food Production**

**Sub-theme 1. Key issues of irrigation and drainage in balancing water, food, energy and ecology**

- 1.1 Roles and efforts of the irrigation sector with respect to the World water issues
- 1.2 Drivers of policy, institutional, organisational and financial innovations for better stakeholder participation in irrigation and drainage services
- 1.3 Roles of water users, private sector, government organizations and civil society in management, operation and maintenance of irrigation and drainage systems
- 1.4 Innovations and extension under new irrigation and drainage performance and services requirements for national water and food security
- 1.5 Role of irrigation and drainage for Forest management

**Sub-theme 2. Management of climatic extremes with focus on floods and droughts**

- 2.1 Adaptation of design and operation criteria for irrigation and drainage schemes in light of climate change impacts
- 2.2 Managing impacts of extreme events – floods and droughts

- 2.3 Dealing with climate change impacts on food security
- 2.4 Regional water management in Asian countries and international river basins

**Sub-theme 3. Key and smart actions to alleviate hunger and poverty through irrigation and drainage**

- 3.1 Water and climate smart approaches for sustainable smallholder agriculture
- 3.2 Financing mechanisms for development and management of irrigation and drainage projects
- 3.3 Adaptation measures for rural water management for water and food security

**Schedule for submission of extended abstracts/full papers/posters/short communications:**

- i. Submission of extended abstracts (max. 500 words) — **28 February 2016**
- ii Notification of acceptance — **15 April 2016**
- iii Submission of paper — **15 June 2016**
- iv Notification to author, as regards oral/poster presentation — **15 August 2016**

**Schedule for submission for the Short Communications:**

- i. Submission of the 4-page long short communication (s) — **15 April 2016**
- ii Notification of acceptance — **15 June 2016**
- iii Notification to author, as regards oral/poster presentation — **15 August 2016**

## Guidelines for online paper submission

### Log in to EasyChair account created for WIF2

EasyChair uses cookies for user authentication. To use EasyChair, you should **allow your browser to save cookies from easychair.org**

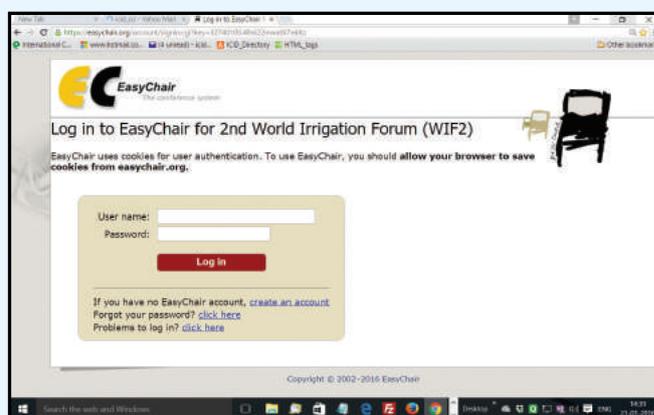
### Submission Instructions:

- Step 1:** Prepare 'Extended Abstracts'
- Step 2:** Log in to the EasyChair account (<https://easychair.org/conferences/?conf=fwif2016>)
- Step 3:** Select 'Sign up for an Account' in case you are not having an account.

**To use EasyChair, one should first create an account.**

The procedure for obtaining an account is as below:

1. You should type the words as shown on the screen and click on "**Continue**".
  2. Fill the form details with name and e-mail address and click on "**Continue**".
  3. On submission you will receive an e-mail with a link to EasyChair account
- Step 4:** Fill the details as required by Easychair and click and 'create' account



**Step 5:** Account created, screen appears with a link to 'WIF2'

Online Extended Abstract submission is now open at: <https://www.easychair.org/conferences/?conf=fwif2016>

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

**PLEASE CONTACT:**

**2nd WIF and 67th IEC Secretariat:** Dr. Somkiat Prajamwong, Secretary General of THAICID, (Tel: +662 243 7883; Fax: +662 243 7883; E-mail: [thaicid@hotmail.com](mailto:thaicid@hotmail.com); Website: <http://www.worldirrigationforum.net>

**ICID Secretariat:** Dr. Vijay K. Labhsetwar, Director, ICID, India. Tel: +91-11-26116837, +91-11-26115679, E-mail: [icid@icid.org](mailto:icid@icid.org), [labhsetwar@icid.org](mailto:labhsetwar@icid.org), Website: <http://www.icid.org>

## WatSave Awards 2016 – Call for Nominations

Nominations are invited for the 'WatSave Awards 2016' from individuals/team through National Committees/ Committee latest by 30 June 2016. The WatSave Awards are given in four categories: (i) Technology; (ii) Innovative Water Management; (iii) Young Professional; and (iv) Farmers.

The purpose of the award is to identify successful water saving technologies and management techniques in practice among the ICID family and disseminate them across the world. The aim of the WatSave awards are : (a) promoting and encouraging the best technological applications or projects which have been successful in saving and/or recovering waste waters/low quality waters; (b) promoting other non-technological interventions and/or innovative land and water management /techniques for increasing the availability of water for different uses; (c) promoting research that leads to substantial savings in water applications or uses; and (d) promoting development of new policies/approaches for water saving leading to cost effective and beneficial use of water.

The award(s) is/are presented to an individual or a team for an innovation

that contributes to water conservation / water saving for increasing the beneficial and/ or efficient use of water to develop and improve the sustainable use of the critical resource.

The nominations are routed through the National Committee (NC) in order to receive only one nomination per category per country after an initial scanning of the nominations for a sequential ordering based on merit and recommending only one. ICID member country can also support one nomination from a non-member country.

NC can nominate newly developed works of previous WatSave Award winners provided it is for a different innovation. The nomination could come on behalf of an individual or a team of named individuals, but not from an organization itself. An entry or innovation once rejected for the WatSave award by ICID should not be re-nominated, even under a different category.

In order for the Jury to adjudicate the awards, which are highly dependent on the actual application of the technology in the field, the nominating National Committee/ Committee has to play

a crucial role since members of the Jury will often not have detailed first-hand knowledge of the situation in a particular country, and thus would not be in a position to judge the realism of individual submissions.

NCs should undertake initial screening of the nominations, through a broad based National Screening Committee for WatSave Awards against the criterion laid down in this Scheme, and in the process recommending them, authenticating the research, the application cited in the nomination work and ensure that the nomination is for the original work carried out by the authors.

The awards will be presented at the 67th International Executive Council (IEC) meeting scheduled to be held during November 2016 at Chiang Mai, Thailand. The last date for receipt of the entries from NCs along with a completed 'Nomination Form' etc. to the ICID Central Office, New Delhi is 30 June 2016. For more information, please visit [http://www.icid.org/ws\\_scheme.pdf](http://www.icid.org/ws_scheme.pdf)



Call for Nominations

### 2<sup>nd</sup> World Irrigation and Drainage Prize 2016

ICID invites nominations for the 2<sup>nd</sup> 'World Irrigation and Drainage Prize 2016' (WID Prize) instituted to recognize the contributions made by an individual or an institution promoting sustainable irrigation and enhanced agriculture production around the world.

The World Irrigation Drainage Prize, a unique award instituted by ICID, is awarded to recognise the work of dedicated professionals and institutions who have actively contributed to the development of irrigation and drainage during the past 15 years. The award is conferred upon an individual, a group of individuals or an institution without any discrimination whatsoever on the grounds of nationality, religion, race, gender, age or political belief. The Prize that includes a cash award of US\$10,000

and a 'Citation Plaque' will be awarded during the 2<sup>nd</sup> World Irrigation Forum (WIF2) scheduled from 6-8 November 2016 at Chiang Mai, Thailand.

Nominations are invited for the 2<sup>nd</sup> WID Prize from National Committees of ICID; Governments of ICID Member countries; International organizations and Nongovernmental organizations / institution maintaining formal relations with ICID, especially those concerned with Irrigation and Drainage. Nominations must be submitted latest by 30 June 2016. The candidates nominated for this prize shall have made exceptionally significant contribution through innovations in the field of irrigation and drainage by way of (a) research, (b) management, (c) technical services, (d) advocacy, (e) operationalization of innovations and (f) sensitization of decision makers and

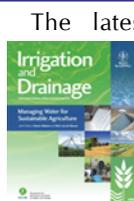
public; resulting in increased agriculture production, at national, regional and/or international level.

The prize winner(s) would be encouraged to give an acceptance speech/lecture on the subject relevant to the work for which the Prize is awarded. The 1<sup>st</sup> Irrigation and Drainage Prize was awarded to Prof. Victor A. Dukhovny (Uzbekistan) at the 1<sup>st</sup> World Irrigation Forum (WIF) held at Mardin, Turkey in 2013 ([http://www.icid.org/wid\\_prize.html](http://www.icid.org/wid_prize.html)) for his outstanding contributions to the development of agriculture water management for over several decades.

More information, including the detailed procedure for nomination and other conditions and criterion for awarding the Prize can be accessed at [http://www.icid.org/wid\\_sel\\_proc\\_n\\_criteria.pdf](http://www.icid.org/wid_sel_proc_n_criteria.pdf)

#### Take advantage of Irrigation and Drainage Online

The ICID Journal Irrigation and Drainage is available online FREE via Wiley Online library for all ICID Office-Bearers, Work body Chairs, Members and National Committees.



The latest issue available on the website is Volume 64, Issue 5, Page 587–718. Click on <http://onlinelibrary.wiley.com/doi/10.1002/ird.v64.5/issuetoc> for direct access to the page with the papers in

this issue of Irrigation and Drainage. ICID members can now avail a special 35% discount on all the Wiley printed publications under the Society Discount Programme introduced recently. Members are encouraged to take advantage of this special discount.

## On-Farm Water Use and Management Training

17-25 April 2016, Cairo, Egypt

In order to meet growing food requirement, it is felt that the second green revolution has to be centred on the smallholder farmers in Africa. However, lack of technical capacity is identified as one of the main constraint to the development of irrigated agriculture in many African countries. Keeping this in view, a Capacity Building Strategy has been developed for Africa by the African Regional Working Group (AFRWG) of ICID. As part of its capacity development strategy for Africa, ICID is organising a training **“On-Farm Water Use and Management”** for managers from Africa from 17-25 April 2016 in Cairo, Egypt.

The Training, hosted by Egyptian National Committee on Irrigation and Drainage (ENCID) and the Regional Center for Training and Waster Studies (RCTWS), and supported by International Commission on Irrigation and Drainage (ICID) aims at providing participants from Africa with broad understanding of various related topics pertaining to irrigation management for crop production at farm level and enhancing agriculture water productivity. It will provide practical knowledge and input for the trainees to undertake their responsibility on the job.

Nominations are invited from the National Committees and partner International Organizations (working in Africa Region) who may nominate one professional from their country, preferably a Young Professional (YP) below 40 years of age who is engaged in irrigation and drainage sector. The last date for receiving the nomination in the prescribed form, duly recommended by member National Committees/ partner International Organizations to the ICID Central Office (icid@icid.org) is **31st January 2016**.



### India Irrigation Forum

ICID is supporting organizing “India Irrigation Forum (IIF) - 2016” on 7 April 2016 as a Side Event during the IWW 2016 with the aim to provide platform for networking, interaction, exchanging experiences and sharing of knowledge amongst professionals engaged in agriculture water management which include staff of state irrigation department, experts from irrigation utilities, extension staff, professional bodies involved in area of irrigation and water resources development, management and research, professionals of allied disciplines related to agriculture water management. The theme of IIF is “Innovative Techniques for Improving Water use Efficiency (WUE) of Irrigation Systems and Farm Application” and sub-themes are: (i) Water food energy nexus including WUE- concept, definitions, strategies

etc., (ii) Modernization and revitalization of irrigation system, (iii) Water saving techniques with emphasis on micro irrigation systems, and (iv) Need for capacity development of professionals and farmers. A Brainstorming Session on ‘Water Management – Learning from Ancient Wisdom and Traditional Practices’ will also be sponsored by ICID on 5 April 2016.

Indian National Committee under Ministry of Water Resources, River Development & Ganga Rejuvenation, in coordination with number of other ministries, expert organisation and international partners is organising ‘India Water Week (IWW) – 2016’ from 4-8 April 2016 with the theme “Water for all: Striving together” in New Delhi, India. IWW provides a platform for the stakeholders, professionals and experts from India and abroad for a multi-disciplinary dialogue and knowledge

sharing for addressing the challenges in water sector on the issues related to management and efficient use of water in: (a) agriculture and irrigation; (b) energy generation (hydro and thermal), industrial production and demand management; (c) water supply for rural and urban areas along with quality, quantity and re-cycling/ regeneration issues; and (d) water quality management and strategies for recycle and reuse.

During the Conference a parallel business exhibition named as “India Water Expo 2016” is also planned to showcase solutions, services and technologies available for improvement of water management in all the spheres of water use. For more information about a detailed programme, registration, exhibition, technical sessions, call for papers etc., please access <http://www.indiawaterweek.in/>



### Water Management in a Changing World: Role of Irrigation for Sustainable Food Production

A two-day workshop on the theme of the 2nd World Irrigation Forum, “Water Management in a Changing World: Role of Irrigation for Sustainable Food Production” was organized by Malaysian National Committee on Irrigation and Drainage (MANCID) as part of its 20th Annual Conference with Ministry of Agriculture & Agro-based Industry Malaysia (MOA) and Department of Irrigation & Drainage (DID) Malaysia from 4-6 October 2015. The sub-themes of the workshop - (1) Key actors in balancing water, food, energy and ecology; (2) Management of climatic extremes with focus on flood and



droughts; and (3) Key and smart actions to alleviate hunger and poverty; were also covered in the workshop. More

than 138 participants, which includes professionals and practitioners from various sectors, attended the conference.

During the Opening Ceremony on 5 October 2015, Ir. Haji Mat Hussin bin Ghani, Chairman MANCID delivered the Keynote Address. Prof. Dr. Mohd. Amin Mohd Soom, Vice-Chairman of MANCID chaired the first session in which four papers were presented i.e. (1) 'Sustainable Water Resource Management in the Changing Climate Scenario' by Dato' Ir. Haji Hanapi bin Mohamad Noor (DID Malaysia); (2) 'Wisdoms of the Past for a Sustainable Irrigation and Agriculture Drainage Development of the Future' by Datuk Ir. Mohd Adnan Mohd Noor; (3) 'Underground Water Treatment System for Domestic and Agriculture Uses' by Dr. Wan Mohd Faizal Bin Wan Ishak (Universiti Malaysia Pahang (UMP); and (4) 'Water Quality Improvement by Using Eco Bio Block (EBB)' by En. Mohd Baharudin Bin Ridzuan, Universiti Tun Hussein Onn Malaysia (UTHM).

Dato' Ir Hj. Mohd Azmi bin Ismail, Vice-Chairman of MANCID chaired the second session of the Conference and four papers were also presented – (1) 'Sustainable Groundwater for Agriculture in Malaysia' by Dr. Saim bin Suratman (National Hydraulic Research Institute of Malaysia – NAHRIM); (2) 'Climate-Smart Rainfall Generator using GCMs-Generated Output for Simulation of Daily Rainfall Scenario and Water Management for Rice Irrigation Scheme in Malaysia' by Dr. Md Rowshon Kamal (Universiti Putra Malaysia - UPM); (3) 'Agricultural Water Management Transformation In Rice Granary Areas' by Ir. Haji Jamil bin Shaari (Irrigation and Agricultural Drainage Division); and (4) 'Overcoming Soft Soil Problem: MADA's Experience' by Haji Nasiruddin bin Abdullah (Muda Agriculture Development Authority - MADA), respectively.

During the Conference, a Side Event of Young Professional Forum (YPF) was also organized. Mr. Mohd Johaary bin Abd Hamid from Malaysian Agricultural Research and Development Institute (MARDI) delivered the talk during the knowledge sharing session on the topic of Young Professional as Agents of Change and Innovation toward Sustainable Food Production. En Wan Marhafidz Shah bin Wan Mohd Omar, Chair of MANCID Young Professional Forum, held a meeting to elect a new Committee of Young Professional Forum of MANCID.

At the end of the Conference, participants visited Malaysian Agricultural Research and Development Institute (MARDI) Agro-technology Park and Buffalo Park which was identified as Langkawi Island attractions for the participants who have experience in agriculture.

## Emerging Issues in Water Management Governance

The U.S. National Committee on Irrigation and Drainage (USCID) organized its Water Management Conference titled 'Emerging Issues in Water Management Governance' with other topics relating to technology, irrigation system reliability, and the water-energy nexus from 17-20 November 2015 at Albuquerque, New Mexico, USA. Some of these topics form part of the topics of discussion at the 2nd World Irrigation Forum. The Conference also featured a panel discussion on the Colorado River, two workshops, two study tours and an exhibition. More than 35 papers presented and presentations made during the conference.

Engr. Estevan López, Bureau of Reclamation Commissioner delivered the keynote address during the opening technical session of the Conference. Engr. Estevan followed by Dan Keppen, Executive Director of the Family Farm Alliance, who presented thought-provoking insights into the future of western irrigated agriculture. Local and regional perspectives were contributed by Michael Isaacson, Keller-Bliesner Engineering on the development of a Navajo Nation Water User Association; and by Paula Garcia, New Mexico Acequia Association, on the challenges of climate change and development on New Mexico acequias.

Prof. Brian Wahlin, President of USCID, highlighted the status of USCID membership, finances, and upcoming events. During the Plenary



Session, a panel discussion focused on contemporary issues on the Colorado River, moderated by Reed Murray, Interior of the U.S. Department, the panelists included representatives from Utah, Arizona, California and Nevada was organized. The panelists discussed the extreme magnitude of current drought conditions and responses, and upcoming challenges for the Colorado River Basin, including future demands, climate change, conservation, salinity control and forest health.

The conference concluded with presentations of the 2015 awards and scholarships and a talk by Dr. Charles T. DuMars, University of New Mexico School of Law on the challenges facing future water supply and irrigation. Engr. Jeff Hathaway and Dr. Charles Burt from Colorado State University received the scholarships.

The Poster Session offered an opportunity for students from four universities to showcase their research and work. Undergraduate and Graduate students from Colorado State University, California Polytechnic State University, New Mexico State University and Utah State University presented posters on a broad range of topics. Presentations on Technological Advancements, Irrigation System Reliability, and Irrigation District Management and History were also presented. A half-day Workshop on 'Communications for SCADA' was also held. A field tour to Albuquerque Bernalillo County Water Utility Authority; the Bureau of Reclamation's Elephant Butte Dam; Caballo Dam and Elephant Butte Irrigation District was also organized.

## 4th African Regional Conference 24-26 April 2016 in Aswan City, Egypt

The 4th African Regional Conference on Irrigation and Drainage (ARCID) will be organized and hosted by Egyptian National Committee on Irrigation and Drainage (ENCID) from 24-26 April 2016 at Aswan City, Egypt. The main theme of the Conference is “**Agricultural Land and Water Management for Sustainability under Climate Variability**” included in the Conference.

In addition, three keynote speeches by eminent experts will be delivered on the topics: (i) Farm and science interface under climate change; (ii) Improving agricultural water management in Africa; and (iii) Water-Food-Energy nexus challenges at the farm level. While a Special session will also be held in parallel on “Management of Water and Salinity in the Nile Delta: Acran Scale integrated analysis of efficiency and equality issues” during the conference.

The Second announcement ([http://www.encid.org/arcid/e2nd\\_ann.pdf](http://www.encid.org/arcid/e2nd_ann.pdf))

of the 4th ARCID has been already been issued and widely circulated amongst ICID National Committees and International Organizations. The last date of submission of full length papers is **15 February 2016**. Please access <http://www.encid.org> and <http://www.encid.org/arcid/index.htm> for more information of the Conference.

Avail the ‘**Early Bird**’ registration for the 4th African Regional Conference is now open up to **1st March 2016**. Please register [www.encid.org/arcid/registration\\_form.docx](http://www.encid.org/arcid/registration_form.docx) for the Conference.

Contact: Prof. Dr. Mohamed Hassan Amer, Chairman of Egyptian National Committee on Irrigation and Drainage (ENCID), Cairo, Egypt, Tel: (202) 44464505 Mob: (202) 01001649861 or (202) 01005101136 and E-mail: [encid@link.com.eg](mailto:encid@link.com.eg); Web: <http://www.encid.org>

(Consiglio Nazionale delle Ricerche), Food and Agriculture Organization of the United Nations (FAO) and United Nations Educational, Scientific and Cultural Organization (UNESCO) from 18-19 September 2015 at Milano, Italy. The theme of the workshop was addressed solutions for a nexus governance of water resources.

The Conference brought together participants from science, industry, policy and the civil society to debate on the challenges of decentralised governance, investment in human and social infrastructure, and the enrolment of technologies in the Nexus. Lessons learnt from Water Nexus-related advancements across Asia, Africa, Latin America and Europe were communicated effectively by a number of renowned keynote speakers and panelists.

During the conference, the importance of improving water education for socially-vulnerable population groups was emphasized. Panelists highlighted the role of women in the water and food supply chain and made a plea to give women the opportunities to develop the potential in producing food.

The workshop debated on the role of technology, research and investments to create innovation and business opportunities for water-efficient production of clean energy and food. While the bottleneck not in single technological components, rather on system integration providing a multi-sectoral perspective.

## New Secretary-General of WMO

Prof. Petteri Taalas, elected by the Members of the World Meteorological Organization (WMO) as its new Secretary General took up his responsibilities with effect from 1st January 2016. Prof Taalas succeeds Dr. Michel Jarraud, who completed three-year term on 31st December 2015. He will be the Head of WMO, the UN System’s authoritative voice on weather, climate and water for the next four years.

Prof Taalas, born in 1961 in Helsinki, Finland with Ph.D. in Meteorology from Helsinki, University in 1993, was the Director-General of the Finnish Meteorological Institute (2007-2015 and 2002-2005), excluding 2005-2007, when he was Director of the Development and Regional Activities department of WMO.

Prof. Taalas has vast experience in managing national and international expert organizations, with proven skills for bringing enhanced efficiency,

new innovations, and high customer and staff satisfaction. He has a strong scientific background with an emphasis on atmospheric sciences. Prof. Taalas has held several positions and board memberships in both national and international organizations. He has served as a Member of the WMO Executive Council and the European Centre of Medium Range Weather Forecasts Council and he was the Chairmen of the EUMETSAT Council (2010-2014) and the EUMETNET Council (2003-2005).



For more information please visit their website <https://www.wmo.int/media/content/petteri-taalas-appointed-secretary-general-world-meteorological-organization>

## Addressing our Emerging Water Futures: The Water-Food-Energy-Ecosystems Security Nexus

A two-day workshop on the theme “Addressing our Emerging Water Futures: The Water-Food-Energy-Ecosystems

Security Nexus” was jointly organized by the Joint Research Centre of the European Commission, the Italian CNR

## News from ICID National Committees

### BANCID (Bangladesh)

Mr. Md. Abdul Latif Mia (Bangladesh) has taken over as the new Director-General of the Bangladesh Water Development Board (BWDB) and Chairman of the Bangladesh National Committee of ICID (BANCID). Contact coordinates of Mr. Md. Abdul Latif Mia are:

Mr. Md. Abdul Latif Mia  
Director General of Bangladesh Water Development Board (BWDB) and Chairman, Bangladesh National Committee of ICID (BANCID), WAPDA Bhaban (2nd Floor), Motijheel Commercial Area, Dhaka, Bangladesh. Tel: +8802952194, +88029564665; Fax: +88029564763, Email: [dg.bwdb@gov.bd](mailto:dg.bwdb@gov.bd) and Website: <http://www.bwdb.gov.bd>

ICID fraternity extends its warm welcome to Mr. Md. Abdul Latif Mia and expresses its thanks to Mr. Md. Ismail Hossain, former Director-General of BWDB and Chairman of BANCID for his valuable support and contributions to ICID activities.

### IRQCID (Iraq)

The Iraqi National Committee of ICID (IRQCID) has informed that His Excellency Engr. Mohsin Alshamari, Engr. Mahdi Rashid Mahdi and Eng. Nissreen Sami Tarkhan have taken over the new President, Vice-President and Secretary of IRQCID. Their contact coordinates are:

**His Excellency Engineer Mohsin Alshamari**

President, IRQCID  
Ministry of Water Resources  
Palestine Street, Baghdad  
E-mail: waterresmin@yahoo.co.uk

**Engineer Mahdi Rashid Mahdi**

Vice President, IRQCID  
Counselor, Ministry of Water Resources, Palestine Street, Baghdad  
E-mail: Mahdirashid.advisor@yahoo.com

**Eng. Nissreen Sami Tarkhan**

Secretary, IRQCID  
Head of Environmental Policies Center, Planning and Follow-up Department, Ministry of Water Resources, Palestine Street, Baghdad  
Email : icid\_iraq@yahoo.com

ICID fraternity extends its warm welcome to the new team and expresses its thanks to His Excellency Engr Mohanad Salan Al-Sadi, former President; Mr. Kadhim Mohsin Ahmed, former Vice-President and Er. Shaimaa Obaid Kareem, Secretary of IRQCID for their valuable contributions to ICID.

### MXCID (Mexico)

New alternate email ID of Dr. Luis Rendon Pimentel (Mexico), President of Mexican National Committee of ICID (MXCID), who is also the Chairman of Committee on Congresses/Conferences (C-CONGR) is <luis.rendon@mxcid.mx>

### New e-mail IDs and website of 23rd ICID Congress in 2017

The Mexican National Committee of ICID (MXCID) has established a new website for 23rd International Congress

on Irrigation and Drainage and 68th International Executive Council (IEC) meeting which will be held during 8-14 October 2017 at Mexico City, Mexico. The main highlights of the new Congress website are: (a) About the Congress; (b) Date & Venue; and (c) Congress theme, Questions and sub-Questions, Special Session and Symposium. The Congress website is accessible through <http://www.icid2017.org/>.

### THAICID (Thailand)

New alternate e-mail IDs of Mr. Suthep Noipairoj and Mr. Sathit Mandeechai, President and Vice-President of Thai National Committee of ICID (THAICID) are: <Suthep.hmee28@gmail.com> and <nalayer01@yahoo.co.th>

### UzNCID (Uzbekistan)

### New magazine on 'Irrigation and Drainage'

The Uzbekistan National Committee on Irrigation and Drainage (UzNCID) has started publishing a new quarterly magazine on 'Irrigation and Drainage' edited by the Tashkent Institute of Irrigation and Drainage, administered under the Ministry of Agriculture and Water Resources. The magazine covers the information such as scientific researches on irrigation and drainage, the efficient management of water resources and adoption of water saving technologies, improvement of ameliorative conditions of lands, development of Water Users' Association and other such topic.

## Forthcoming Events

### ICID Events

#### 4th African Regional Conference, 26-28 April 2016 at Cairo, Aswan City, Egypt.

The main theme of the Conference is "Agricultural Land and Water Management for Sustainability under Climate Variability". Please access Conference website [www.encid.org.eg](http://www.encid.org.eg) for more information.

#### 2nd World Irrigation Forum (WIF2) and 67th IEC, 6-12 November 2016, Chiang Mai, Thailand.

Theme: Water management in a changing world: Role of Irrigation for sustainable food production. Contact: Dr. Somkiat Prajamwong, Secretary General of THAICID, (Director of Project Management, Royal Irrigation Department), Thai National Committee on Irrigation and Drainage

(THAICID), E-mail: [thaicid@hotmail.com](mailto:thaicid@hotmail.com); Website: <http://www.worldirrigationforum.net>

#### 13th International Drainage Workshop (IDW), 3-6 March 2017, Ahwaz City, Iran.

Theme: Drainage and Environmental Sustainability. Contact: Dr. S.A. Assadollahi, Secretary General, Iranian National Committee on Irrigation and Drainage (IRNCID), E-mail: [irncid@gmail.com](mailto:irncid@gmail.com), Website: <http://www.irncid.org>

#### 23rd ICID Congress and 68th IEC, 8-14 October 2017, Mexico City, Mexico.

Theme of the Congress: Modernizing Irrigation and Drainage for a new Green Revolution. Contact: Dr. Luis Rendon Pimentel, President, Mexican National Committee of International Commission on Irrigation and Drainage (MXCID), E-mail: [info@icid2017.org](mailto:info@icid2017.org); [info@mxcid.org](mailto:info@mxcid.org); Website: [www.icid2017.org](http://www.icid2017.org)

### Other Events

**Second Asian Irrigation Forum (AIF2) on the theme 'Securing Water and Food for the Future', 20-22 January 2016 at Asian Development Bank (ADB) Headquarters, Manila, Philippines.** For details, visit <http://www.adb.org/news/events/asian-irrigation-forum-2>

**International Symposium on 'The Role of Agricultural Biotechnologies in Sustainable Food Systems and Nutrition', 15-17 February 2016 at FAO Headquarters, Rome, Italy.** For details, visit <http://www.fao.org/about/meetings/agribiotech-symposium/en/>

**SIA 2016: Water Resources and Hydropower Development in Asia, 1-6 March 2016, Vientiane, Lao PDR.** For details, visit [http://www.hydropower-dams.com/ASIA%202016.php?c\\_id=303](http://www.hydropower-dams.com/ASIA%202016.php?c_id=303)

**World Water Day 2016 on the theme 'Water for Jobs, 22nd March 2016, is organized by United Nations.** For details, visit <http://www.unwater.org/campaigns/world-water-day/en/>

**International Convention on Agricultural Engineering 2016, 22-25 March 2015, Las Dunas Hotel, Santa Maria Key, Villa Clara Province, Cuba.** Please contact: Dr. C. Aymara Garcia Lópaz, Email: [directorainvest@iagricu](mailto:directorainvest@iagricu)

**Asia Water 2016, 6-8 April 2016, Kuala Lumpur, Malaysia.** For details, visit [www.asiawater.org](http://www.asiawater.org)

**Stockholm World Water Week on the theme "Water and Sustainable Growth", 28 August – 02 September 2016 at Stockholm, Sweden.** For details, visit <http://www.siwi.org/>

## INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

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