

**From Secretary General's Desk...**

Dear Colleagues,

It gives me great pleasure in reporting to you that the Second World Irrigation and Drainage Prize instituted by ICID in June 2012, has been adjudicated and winner of the second edition of the WID Prize is one of the most active members of ICID fraternity and world renowned teacher, researcher, and practitioner, President Honorary Prof. Ir. Dr. Bart Schultz.

Prof. Bart Schultz has been selected by a Jury consisting of representatives from DWF1, FAO and ICID. I put on record my sincere thanks to the members of the Jury who had a tough task at hand given the galaxy of eminent personalities engaged in the sector nominated for the Prize. The Prize, which carries a "Citation Plaque" and a Cash Award of US\$ 10000, will be awarded during the Opening Ceremony of the Second World Irrigation Forum (WIF2) on 6th November 2016.

I am also happy to report that the International Research Program for Irrigation and Drainage (IRPID), launched in 2011, is now undergoing a review and a meeting of the Management Board of the Iranian Node took place late last month in Ahwaz, Iran. Later this month, the first meeting of the Advisory Committee of the

Program, under the Chairmanship of Chair PCTA is scheduled through Video Conference by Central Office.

Spreading our collaborative activities with International partners, ICID has entered into a MoU with International Water Works Association (IWWA) to work together on Safe Use of Wastewater in Agriculture. The MoU was signed by Dr. Helmut Kroiss, President IWWA and Dr. Saeed Nairizi, President ICID in Tehran earlier this month.

That brings me to the preparations for WIF2, which I am sure you are eagerly looking forward to. I am happy to report that our Thai hosts and Royal Irrigation Department (RID) are fully prepared to welcome you to the Forum. Some of you have already availed the opportunity of the Early Bird registration. If you have not already registered for the event, I suggest that you register yourself and your team at the earliest as the online registration closes by 10 October 2016. With a very enthusiastic response from international organizations, policy makers, research community, and the industry, and to some lesser degree from the farmers, the Forum provides an excellent opportunity to have discussions that go beyond mono-disciplinary perspectives and cater to the needs of various stakeholders.

The International Exhibition and Side Events proposed to be organized by many international organizations provide added attractions. More details on the scope of the Side Events, involving more than 15 International partners and covering multi-disciplinary aspects of agriculture water management are given inside this issue.

The Consultative Group established for ICID Vision 2030 will deliberate on the inputs provided by the National Committees and a couple of Working Groups to prepare a Draft Action Plan that would be discussed at various platforms during Chiang Mai meeting. Working Groups have been urged to discuss their inputs to the Action Plan during their meeting in Chiang Mai.

I am sure you will equally enjoy the hospitality, culture, technical and study tours that have been arranged by THAICID.

With Best Regards

**Avinash C. Tyagi**  
Secretary General

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



Prof. Bart Schultz of The Netherlands, a global expert in the field of drainage and lowland development has been selected by an eminent International Jury for award of the 2nd World Irrigation and Drainage Prize for his sustained,

long standing and highly committed work to irrigation and drainage sector worldwide through education, research, planning and international project implementation.

Prof. Bart Schultz has unparalleled achievements in the field of land and water development, drainage, irrigation, flood protection and environmental engineering. During his long and distinguished career as Professor, at UNESCO-IHE, Prof. Bart Schultz has trained hundreds of graduate students at UNESCO-IHE and guided about 200 foreign students in their research for Master Degree and more than 15 fresh students for their PhD degree. The results of his research have been extensively used by government departments in Indonesia, Estonia, Egypt, Sudan, Ethiopia, India, Pakistan, Central Asia, and The Netherlands, to name just a few.

He is a firm advocate of technology transfer through exchange of experiences and has been

actively involved in ICID activities for more than 30 years having served as its VP and then President. He has chaired many Task Forces on the various World Water Foras and has been on the Editorial Board of the Irrigation and Drainage Journal (EB-JOUR) for more than 14 years.

Prof. Schultz will be presented with the 2nd World Irrigation and Drainage Prize at the Opening Ceremony of the 2nd World Irrigation Forum in Chiang Mai, Thailand, on 6 November 2016.

World Irrigation and Drainage Prize is instituted by ICID to recognise the contribution of individuals and institutions promoting sustainable irrigation and enhanced agriculture production around the world. The Jury for the Second Edition of the Prize was chaired by President Honoraire Dr. Chandra Moodmooto, with members drawn from FAO, DWF1 and ICID.



The 2<sup>nd</sup> World Irrigation Forum (WIF2), together with 67<sup>th</sup> International Executive Council (IEC) Meeting will be hosted by Thai National Committee on Irrigation and Drainage (THAICID) during 6-12 November 2016 at the beautiful city of Chiang Mai in Thailand in partnership with ADB, AIT, AARDO, DWFI, FAO, GWP, ICRISAT, IFAD, IFPRI, IWMI, UNU-FLORES, UNESCO-IHE, World Bank, WWC and 2iE.

### Main Theme and Sub-Themes:

The main theme of the 2<sup>nd</sup> WIF is **“Water management in a changing World: Role of Irrigation in Sustainable Food Production”** and three sub-themes are: (1) Key issues of irrigation and drainage in balancing water, food, energy and ecology; (2) Management of climatic extremes with focus on floods and droughts; and (3) Key and smart actions to alleviate hunger and poverty through irrigation and drainage covered in the Forum. The main theme of the Forum will open with a Plenary Session-I on 6<sup>th</sup> November 2016 from 14:00-16:00 hours. Dr. Saeed Nairizi (Iran), President, ICID and Ms. Aksara Puthividhya (Thailand) will be Co-Chair and Rapporteurs of the main theme.

### Opening Ceremony

The Opening Ceremony of WIF2 will be held on 6 November 2016 at 10:00-13:15 hours and will be followed by the Inauguration of the Exhibition. The ‘Welcome Address’ will be made by H.E. General Chatchai Sarikulya, Minister of Agriculture and Cooperatives, Thailand and President Dr. Saeed Nairizi in the presence of Hon’ble Ministers of participating countries (China, Egypt, India, Indonesia, Iraq, Nepal, Pakistan, Russia, South Africa, Sudan, Ukraine, Uzbekistan, Zimbabwe). While Ms. Kundhavi Kadiresan, Assistant Director-General of Asia & the Pacific FAO and Mr. Bambang Susantono, Vice-President of Asian Development Bank (ADB) will deliver the Keynote address on the main theme of the Forum.

The winner of the 2<sup>nd</sup> World Irrigation and Drainage Prize (WID Prize) will also be awarded during the opening ceremony of the Forum.

### Registration

You can now register online at <https://register.worldirrigationforum.net/>

Please note: Only registration accompanied by the full payment of each category will be confirmed after receiving the payment. Those who do not receive a confirmation notice before the Forum are requested to contact the registration secretariat at <[register@worldirrigationforum.net](mailto:register@worldirrigationforum.net)> For more information, please access <http://www.worldirrigationforum.net/registration/>.

### Background Papers

World renowned experts joined together their expertise to prepare background papers on the three sub-themes that can be accessed using the URLs given below:

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

By a team of international experts under the leadership of Dr. Reza Ardakanian (UNU-FLORES); [http://www.icid.org/wif2\\_bg\\_pap\\_st1.pdf](http://www.icid.org/wif2_bg_pap_st1.pdf)

#### Sub-theme 2: Management of climatic extremes with focus on floods and droughts

By a team of international experts under the leadership Prof. Tsugihiko Watanabe (Japan); [http://www.icid.org/wif2\\_bg\\_pap\\_st2.pdf](http://www.icid.org/wif2_bg_pap_st2.pdf)

#### Sub-theme 3: Key and smart actions to alleviate hunger and poverty through irrigation and drainage

By a team of international experts under the leadership Dr. Olcay Unver (FAO); [http://www.icid.org/wif2\\_bg\\_pap\\_st3.pdf](http://www.icid.org/wif2_bg_pap_st3.pdf)

### Keynote Speakers

The following eminent experts will deliver keynote speeches:

#### Opening Ceremony:

Ms. Kundhavi Kadiresan, Assistant Director-General, FAO  
Mr. Bambang Susantono, Vice-President, ADB

#### Plenary Session I:

Dr. Peter McCormick, Executive Director of Robert B. Daugherty Water for Food Institute, University of Nebraska-Lincoln, USA

#### Plenary Session II:

Mr. Jeremy Bird, Director General, IWMI

#### Plenary Session IV:

PH Prof. Chandra Madramootoo (Canada)

### Ministerial Roundtable

During WIF2, a Ministerial Roundtable Meeting on the theme “Rural Transformation through Efficient Agriculture Water Management” will be held on 6-7 November 2016 from 16:30-18:30 hours.

The main objective of the Ministerial Roundtable is to “set up a mechanism for supporting countries in achieving SDGs and the targets associated with rural transformation through sound agriculture water management” and explore the possibility of setting up ‘Partnership for Agriculture Water Management (AWM) of policy makers from ICID member countries; which would give access to the sustainable development fund and other financial resources available through various mechanisms to support SDGs implementation. More than twenty Ministers from around the world have confirmed their participation.

### The Farmers’ perspective

In order to take direct inputs from farmers in development of the ICID Action Plan 2030, a Farmers’ Roundtable Meeting will be organized on 07 November 2016 where the farmers will discuss issues of their interest related to AWM.

On the invitation of Thai National Committee, Central Office has requested all NCs to nominate up to a maximum of 3 most active farmers representatives to the Forum. Farmers from various NCs will have the opportunity to interact with Thai Farmers and would stay with them at their farms. Around 20 farmers will be provided free boarding and lodging. Please note that the travel cost (air ticket) and other incidental costs of the invited farmers need to be borne by the sponsoring NC or the Farmers themselves.

Hurry!! The last date for receipt of nomination is 25 September 2016. More details are covered separately in this issue.

### Glimpses of Side Events

International partner organizations such as ADB, AARDO, AEFID, AIT, DWIF, FAO, GeoSpatial, IWMI, ICRISAT, IFPRI, SWP, World Bank, would be presenting various perspectives on the three sub-themes by organizing more than 15 Side Events on 7 and 8 November 2016.

- 1. Role of Women in Irrigation and Drainage:** Will help understand the role of women in Public and Private Sector Institutions; Water User Associations (WUA’s); Capacity Development (Trainers/ Community Organizers); Irrigation Management; and in Training and Extension Services. An e-Discussion on this topic organized at the ICID Young Professional’s e-Forum (IYPeF) platform, will be presented by the Young Professionals at the side event.
- 2. Agricultural Water Management for Sustainable Rural Development:** Intends to bring together scientists and professionals engaged in the area of rural development and agricultural water management and bring to the fore the best practices to understand



the requirements of various rural development interventions, develop collaborative mechanisms so as to mutually support the interventions for optimal rural development.

3. **New Developments in Irrigation and Modernization:** Will discuss selected case studies of irrigation modernization; understand broad overview of modernization process and approach; adopt a working definition of irrigation modernization; and outline and initiate development of guidelines for revitalization and modernization of irrigation services through a collaborative approach.
4. **Water Productivity Assessment for Improved Irrigation Performance and Water Security:** The event will attempt to bring greater clarity in understanding water productivity, supported by examples of applications of remote sensing technology to measure water productivity for agriculture with the objective to improve management and investment in irrigation systems.
5. **History of Irrigation and Drainage around the World:** The objective of the event is to make use of history of irrigation management as an important source of learning by compiling and sharing the wisdoms of the past collected through various instruments including the valuable information collected through Heritage Irrigation Structures (HIS) program. The World Water Heritage System program being launched in collaboration with World Water Council will also be introduced.
6. **Building Farm Level Capacities in Irrigation Water Management to Adapt to Climate Change:** The event will share the successful use of low cost and ground level interventions in the just concluded climate change adaptation strategies at village and farm level. These strategies include water monitoring sensors and devices at farm-level; functioning of Village Knowledge Centers (VKCs) for dissemination and capacity building of farmers; farmer-led field demonstrations of alternative rice cropping systems; and integration of Water User Associations (WUAs) with government programs in the successfully.
7. **Climate Change Impact and Adaptation in Agriculture:** Examples from Climate-Water-Crop Modelling and Field Studies: The objectives of this side event are: To understand the broad overview of climate change impact on agriculture sector; To understand the impact of climate change in irrigation water requirements and crop production in selected basins; To explore the adaptation measures (modeling and field based studies) to offset the negative impact of climate change on crop production; and To discuss the

challenges and opportunities in adapting agriculture to climate change.

8. **Coping with water scarcity in agriculture: a global framework for action in a changing climate:** The side event is designed to initiate a global discourse on policies and strategies to cope with water scarcity, specifically in the context of climate change as stipulated by FAO.
9. **Environmental performances of paddy rice systems in the context of climate change:** The event will take stock of recent advances in research and development with the objective to disseminate up-to-date knowledge and methodologies in the national irrigation technical and policy spheres, and draw lessons from multiple case studies, in order to fuel policy dialogue, and help planning and decision making.
10. **GeoSmart Technologies for Sustainable Irrigation and Drainage:** The side event will present a state-of-the-art report of various GeoSmart Technologies that are available for use in Sustainable Irrigation and Drainage. The event will help understand the scope and limitations of these technologies, the limitations/obstacles of different technologies including an insight into the legal aspects of GeoSmart Technologies. The outcome of the e-Discussion on this topic organized at the ICID Young Professional's e-Forum (IYPEF) platform, will be presented by the Young Professionals.
11. **Key and smart technologies for irrigation and drainage to reduce poverty and hunger:** The objectives of this side event is to discuss new technologies that can contribute towards sustainable food production for smallholder farmers by increasing the water productivity in all types of irrigation systems and discuss possible solutions for including automation and control technologies including new technology for aiding irrigation water management.
12. **Education and Training in Irrigation and Drainage:** The objectives is to analyze the potential mismatch between supply and demand (in quality and location) of the technological capabilities for sustainable irrigation and drainage management in different parts of the world and formulate steps to address these gaps. It will initiate a process of making an inventory of number and type of irrigation professionals that are required to ensure the quality and smooth implementation of planned programs of irrigation intensification (demand side) and an inventory of the major institutes and programs that are already imparting training and those institutes that have the potential to develop those training programs. New approaches in irrigation education

would be explored to support Capacity Development and Training and Education. An e-Discussion on this topic was also organized by ICID on IYPEF outcomes from which will also be presented.

13. **Solar Energy in Irrigation and Drainage:** The event will share the technology, knowledge and experiences on the interlinkages of irrigation and drainage sector with solar energy take an overview of the available practices and provide viable option as a financial resources for the WUA.

### Training of Young Professionals

Two half-day training workshops will be organized held during the 67th IEC & Pre-Council meetings scheduled on 11 November 2016. The training workshop will introduce the young professionals the modern concepts.

1. **“Water Accounting and Auditing: Improving water governance and water management”** training workshop will be organized with the technical support of FAO team led by Jippe Hoogeveen, Technical Officer – Water Resources and Robina Wahaj, Technical Officer – Irrigation.
2. **“The environmental impact analysis of irrigation systems: using Life Cycle Analysis”** is the second training workshop that will be organized by Dr Sylvain R. Perret (France, CIRAD). The participants will be acquainted with the basic knowledge on Life Cycle Thinking and Life Cycle Analysis; LCA methodology; LCA applications and cases; and provided with practical knowledge and skills while performing simple LCA exercises.

### National Committees' Display / Exhibition

This year, the National Committees' Display / Exhibition will be organized by host Thai National Committee of ICID (THAICID) during the 2nd World Irrigation Forum from 6-8 November 2016 at Chiang Mai International Exhibition and Convention, Thailand which is an integral component of 2nd WIF. NCs will provide their country's history on the developments in the area of irrigation and drainage. The event provides unique opportunity to member National Committees to display their activities and achievements, including salient features of their country's Heritage Irrigation Structures (HIS). To get more attention, THAICID has agreed to organize the display near to the exhibition area with no cost to NCs.

NCs have been informed to prepare 1-2 posters of 0.8m X 1.2m (Width X Height) or A-0 size and bring the same to the venue for display. ICID has secured space for a total of ten such display boards for you at the main International Convention and Exhibition Centre and these display boards

will be made available free of charge on 'first come first serve basis'. Please access <http://www.worldirrigationforum.net/exhibition/> for more information.

### Abstracts/ Full Papers

Out of the total submission received for WIF2, about 200 full papers/ posters are selected for inclusion in the Abstract volume and the full version of the papers would be provided in USB made available with the WIF2 kit. An electronic version of the Abstract volume will be made available shortly before the WIF2 on ICID website.

### Travel – Bangkok to Chiang Mai

Chiang Mai, the rose of the north, is situated in the Northern part of Thailand,

700 km north of the capital city Bangkok. Chiang Mai is the 2nd largest city. There are various ways to travel to Chiang Mai. From Bangkok it is a 1 hr. flight operated from Don Mueang International Airport or Swarnbhoomi International Airport. The distance between these two airports are around 46 kms. Free shuttle bus service is available from both the airports starting from 05:00 hrs. to 24:00 hrs. Many airlines also operate direct flights in and out of Chiang Mai International Airport. More information of transportation and accommodation please <http://www.worldirrigationforum.net/transportation/> and <http://www.worldirrigationforum.net/accommodation/>

An attractive video picturizing various dimensions of the Thai life, culture, and tourist attractions is now made available at <https://www.youtube.com/watch?v=PTR87o7akKo>. This video is also placed on ICID and WIF2 websites for understanding the wider spectrum of activities, which can be clubbed together with WIF2.

### Study and Technical Tours

Please access <http://www.worldirrigationforum.net/cultural-tour/> and <http://www.worldirrigationforum.net/technical-tour/> for more information on Cultural and Technical Tours of the Forum.



## Call for Nominations

### Farmers to participate in 2<sup>nd</sup> World Irrigation Forum

The importance of inputs from Farmers in the activities of World Irrigation Forum (WIF) was highlighted during the First World Irrigation Forum held at Mardin, Turkey in 2013. The matter was also discussed in detail by various WBs who endorsed the importance of their participation.

In order to further pursue the involvement of farmers in ICID deliberations, the host Thai National Committee has agreed to facilitate the participation of farmers' representatives

in WIF2. A Farmers' Roundtable meeting will be organized on 07 November 2016 from 14:00-16:00 hours, where in front of the ICID fraternity. The farmers will discuss certain common issues and present their perspective at the plenary meetings of WIF2.

To make use of this opportunity, nominations were invited from NCs to nominate up to a maximum of 3 most active farmers representatives who could interact in English latest by **25 September**

**2016** to ICID Central Office (E-mail: [icid@icid.org](mailto:icid@icid.org)). The selected Farmers from various NCs will have the opportunity to interact with the Thai Farmers and would stay with them at their farms.

The host National Committee will provide free boarding and lodging for up to around 20 farmers, and they will be exempted from paying Registration Fee. The travel cost (air ticket) and other incidentals of the farmer(s) will be borne by the sponsoring National Committee or by the participant.

## Collaborative Program on Safe Use of Wastewater Presidents of ICID and IWA sign MoU



Wastewater is increasingly considered a valuable source of water particularly where water is scarce. The two main drivers of use of wastewater for irrigation are water scarcity and water pollution, resulting in wanted and unwanted reuse. Use of wastewater, particularly in situations where more than 90 percent of it is directly discharged to natural water bodies, serves as an ecosystem service. In both scenarios whole cities and thousands of livelihoods depend on the resulting agricultural outputs.

ICID is a strong supporter of the framework for health risks reduction in the use of wastewater put in place World Health Organization (WHO) guidelines for the safe use of wastewater, excreta and greywater in agriculture. But it is also aware that

recommendations are very stringent and difficult to implement. As such they have remained unimplemented in most of the developing economies. Irrigation of food and fodder crops with raw urban and untreated wastewater is a widespread phenomenon in both arid and humid areas throughout Asia and Africa. In that respect, WHO framework has failed to reduce any health risk.

Firmly believing that the interventions have to match local economic, institutional and technical capacities, ICID plans to launch a collaborative project jointly with International Waterworks Association (IWA) for safe use of wastewater in agriculture.

As a first step, an agreement was signed by Dr. Helmut Kroiss, President IWA and Dr. Saeed Nairizi, President ICID on 13 September 2016 in Tehran for starting a country level collaborative program between the National Committees of ICID and IWA in Iran. The two international professional networks will oversee the exchange of international experience to meet the requirement of the Iranian program. At the same time the two

organizations would help disseminate the outcomes from the national collaborative activities. The collaborative activities would be funded through Iranian Water and Wastewater Agency. The Secretariat for the collaborative program will be established and supported by Ministry of Energy of Iran. The MoU was signed in the presence of Minister of Energy of Iran and Mr. H R Janbaz, CMD, Iranian Water and Wastewater Agency. Secretary of IRNCWA Mr. S.A. Mahmoudian and Secretary General IRNCID Mr. S.A. Assadollahi were also present. Mr. Ganesh Pangare, the head of IWA South Asia and Pacific was also present during the ceremony.

There are viable options for health risk reduction even where untreated wastewater is used, which need to be evaluated and implemented. The Program will be exploring low-cost options which can be implemented all the way along the food chain, from farm application of wastewater to markets and finally to consumers. The project will develop various techniques to assess risks by sampling the locally available water and irrigated crops.



**Second World Irrigation Forum (WIF-2)**  
6-8 November 2016, Chiang Mai, Thailand

Date/2016	05-Nov	06-Nov	07-Nov	08-Nov
Day / Hrs.	Saturday	Sunday	Monday	Tuesday
	Registration	Registration	Registration/Exhibition	Registration/Exhibition
09.00-11.00	<p>WIF OPENING CEREMONY (10:00-12:30)</p> <ul style="list-style-type: none"> <li>- Welcome Address</li> <li>- Addresses by Ministers</li> <li>- Keynote Address on Theme</li> <li>- WIF Prize</li> <li>- Cultural programme</li> </ul>		<p>PLENARY SESSION III</p> <p>Sub Theme 2: Management of climatic extremes with focus on floods and droughts</p>	<p>3rd Parallel Session Sub- Theme 1</p> <p>4th Parallel Session Sub- Theme 1</p> <p>3rd Parallel Session Sub- Theme 2</p>
11.00-11.15			<p>Side Event(s)[SE-3]</p>	<p>Side Event(s)[SE-4, 5, 7, 9, 11, 13, 17]</p>
11.15-13.15		<p>INAUGURATION OF THE EXHIBITION (12:30-13:15)</p>	<p>H E A L T H B R E A K</p>	
13.15-14.00			<p>PLENARY SESSION IV</p> <p>Sub-Theme 3: Key and smart actions to alleviate hunger and poverty irrigation and drainage</p>	<p>5th Parallel Session Sub- Theme 1</p>
14.00-16.00	<p>PLENARY SESSION 1</p>	<p>Main Theme: Water management in a changing World: Role of Irrigation in Sustainable Food Production</p>	<p>1st Parallel Session Sub-Theme 1</p> <p>1st Parallel Session Sub-Theme 2</p> <p>1st Parallel Session Sub-Theme 3</p> <p>Side Event(s)[SE-1, 2, 3, 6, 10,12,15]</p> <p>Farmers Roundtable Meeting</p>	<p>4th Parallel Session Sub- Theme 2</p> <p>3rd Parallel Session Sub- Theme 3</p> <p>Panel Discussion (Youth and other topics)</p> <p>Side Event(s)[SE-4, 5, 8, 11, 13, 14, 17]</p>
16.00-16.30			<p>L U N C H B R E A K</p>	
16.30-18.30	<p>PLENARY SESSION II</p> <p>Sub Theme 1: Key actors in balancing water, food, energy and ecology</p> <p>ROUND TABLE -1 : Ministerial Meeting on Policy Issues</p>		<p>2nd Parallel Session Sub-Theme 1</p> <p>2nd Parallel Session Sub-Theme 2</p> <p>2nd Parallel Session Sub- Theme 3</p> <p>Side Event(s)[SE-1, 2, 3, 6, 10,12,16]</p> <p>Round Table -2: High level meeting of Govt. officials</p>	<p>PLENARY SESSION V (Integrating Session on Main Theme &amp; Three Sub-themes and presentations)</p> <p>IEC PLENARY</p>
19.00-22.00		<p>W E L C O M E D I N N E R</p>	<p>President's Cocktail (ICID Vision 2030) (18:30 - 20:00)</p>	<p>Australian Reception (By Invitation only)*</p>

Registration  
 2nd World Irrigation Forum  
 IEC Plenary  
 \*By invitation Only

**67th International Executive Council (IEC)**  
- Tentative  
(5-12 November 2016, Chiang Mai, Thailand)

Date/Year	05-Nov	06-Nov	07-Nov	08-Nov	09-Nov	10-Nov	11-Nov	12-Nov	
Day / Hrs.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
All Day 09.00-17.00	Registration/Exhibition	Registration/Exhibition	Registration/Exhibition	Registration/Exhibition	Registration/Exhibition	Registration	Registration		
09.00-10.30	Advisory Committee of IPRID (9:00-11:00)			WG-BIO-ENERGY (09.00-11.00) C-PR&P (09.00-11.00)	ASRWG-I ERWG-I YPeF-I	SC-TTWf (08:00-9:00) AFRWG-I TF-VE-I C-CONGR-I	23rd CONGR - ITAC (08:00-9:00) PFC-I WG-ENV-I WG-SDTA-I WG-DROUGHT-I	IEC	
10.30-11.00				<b>Health</b>				<b>Break</b>	
11.00-12.30	WIF ITAC Meeting (11:00-13:15)		SC Meeting (11:00-11:15)	TF-WWF8 (11.15-13.15) WG-IDSST (11.15-13.15)	ASRWG-II ERWG-II YPeF-II	AFRWG-II TF-VE-II C-CONGR-II	PFC-II WG-ENV-II WG-SDTA-II WG-CLIMATE-I EB-JOUR-I	PCTA YP-Training WS	IEC
12.30-13.30				<b>Lunch</b>				<b>Break</b>	
13.30-15.00	TF-Subscription (14:00-15:00)				WG-IOA-I WG-SDG-I WG-WATS-I	WG-M&R-I WG-IDM-I WG-POW-I	PCSO-I WG-CLIMATE-II WG-SON-FARM-I WG-HIST-I WG-W&C-I	PCTA YP-Training WS	IEC
15.00-16.30				<b>Health</b>				<b>Break</b>	
15.30-17.00	TF-Revitalization (15:00-16:00) MB-I (16:30-16:30)		MT-JOUR (16:00-16:30)	IEC PLENARY (16.30-18.30)	WG-IOA-II WG-SDG-II WG-WATS-II	WG-M&R-II WG-IDM-II WG-POW-II	PCSO-II WG-SON-FARM-II WG-W&C-II	PCTA YP-Training WS	IEC
17.00-18.30					NCs + YPs Meeting*		OBC Meeting*		MB* 2
19.00-22.00		Welcome Dinner	President's Cocktail (ICID Vision 2030) (18:30-20:00)	Australian Reception (by invitation only)	Mexican Reception (by invitation only)		Farewell Dinner		

Registration/Exhibition
IEC related meetings, YP training, WS
Regional WGs of ICID
TFs-Subsc. & Revitalization
By invitation only
SC, MB, MT-JOUR Meetings

Themes

Basin
Schemes
On-Farm
Knowledge

Note: All WG meetings will be of 180 minutes duration unless otherwise mentioned  
All technical / cultural tours will be organized after closing of the event



## Opening Plenary of 67<sup>th</sup> IEC Meeting

Please don't miss save the Plenary of the 67th IEC Meeting starting at 16:30-18:30 hours on 08 November 2016 in your calendar, where President Dr. Nairizi will welcome you and Secretary General Avinash Tyagi will introduce the Agenda and bring you up-to-date on various programmatic issues.

ICID mission is fulfilled mainly through the activities of various technical Working Groups and Task Forces that meet prior to the IEC meeting, where more than 250 volunteer scientists, academicians, engineers, managers and policy makers

contribute their valuable time and share their knowledge. Most of these volunteers do not attend the mass IEC meeting where mostly the Office Bearers of the National Committees generally participate. Through interactions with our partners and our NCs we gathered that there is a general sense that compilation and dissemination of knowledge on technical, economic social and management perspectives of irrigation and drainage are somehow missing from the outcomes of ICID WGs. As a consequence, the irrigation and drainage community

at large is unable to benefit from the deliberations and work of our WGs. Hence, your participation in this important session is very important to understand the overall scenario.

The aim of the Plenary IEC is to improve the communication with this potentially productive group, sharing with them the changing paradigm in the way ICID is adapting itself to the new challenges and, if possible, raise some common issues that need attention of all technical WGs.

## 13<sup>th</sup> International Drainage Workshop on Drainage and Environmental Sustainability

The 13th International Drainage Workshop (IDW13) will be organized by Iranian National Committee on Irrigation and Drainage (IRNCID) under the patronage of the International Commission on Irrigation and Drainage (ICID) and the auspices of the Ministry of Energy (MoE) and its subsidiary Khuzestan Water and Power Authority (KWPA), Islamic Republic of Iran, from 4-7 March 2017 at Ahwaz, Iran. The main theme of the workshop is "Drainage and Environmental Sustainability" and four sub-themes are: (i) Measures to improve drainage water quality; (ii) Measures to lower volume of drainage water; (iii) Adaptation of new design criteria in favour of the environment; and (iv) Application of alternative drainage methods.

The aim of the workshop is to introduce the challenges, needs and solutions facing the drainage community worldwide and to share experience on the national, regional and international scales in the field of agricultural drainage in relation to the environment.

The announcement and Call for Papers of the 13th IDW ([http://attachment.benchmarkemail.com/c386762/Call\\_for\\_papers\\_13IDW\\_2017.pdf](http://attachment.benchmarkemail.com/c386762/Call_for_papers_13IDW_2017.pdf)) have been issued and widely circulated amongst ICID National Committees and International Organizations. Please access IDW13 website <http://www.idw13.org> for more information.

### Extended deadlines:

- Submission of abstracts:  
**30 September 2016**
- Notification of abstracts acceptance:  
**10 October 2016**
- Submission of full papers:  
**1<sup>st</sup> December 2016**
- Notification of paper acceptance:  
**1<sup>st</sup> January 2017**

Contact The Secretariat, 13th International Drainage Workshop (IDW13), Khuzestan Water and Power Authority (KWPA), Golestan Ave, Ahwaz, Iran, Email: [13idw2017@gmail.com](mailto:13idw2017@gmail.com), Website : <http://www.idw13.org/English>

## Iran IRPID Centre: Sustainable Agricultural Water Management

A two-day International Research Cooperation Workshop on "Sustainable Agricultural Water Management" hosted by the Khuzestan Water and Power Authority (KWPA) was held in Ahwaz, I.R. Iran from 14-15, August 2016.

During the workshop, representatives from Russia, Iraq, South Korea and Mali as well as relevant managers, authorities, researchers and professors attended the workshop. Mr. M.R. Shamsaei, Chairman & Managing Director of Khuzestan Water and Power Authority and Dr. Shariatee, Khuzestan Governor General welcomed the participants and highlighted the importance of water and irrigation issues in Khuzestan and the requirement of regional cooperation in relevant researches to solve the existing problems. H.E. R. Maydani, Deputy Minister of Energy on Water and Wastewater in his speech pointed out the water crisis conditions in Iran and the region in particular, and recommended harmonious scientific approaches to surpass the crisis and solve water and irrigation issues.

Dr. Saeed Nairizi, President of ICID emphasized the importance of irrigation

and drainage researches in food security, and regional and international cooperation in supplying sufficient food production. Dr. M. J. Monem, Head of IRAN Regional Node of International Research Program on Irrigation and Drainage (IRPID) explained the processes of establishing the Regional Node and the performed activities.

The Iran Regional Node Management Board session was held on 15 August 2016. The representatives from Russia, Iraq, South Korea and Mali attended the session with the Chair of IRNCID in the presence of President Dr. Nairizi. Er. Avinash C. Tyagi, Secretary General of ICID participated in the meeting through Skype. During the workshop, international cooperation mechanisms on irrigation and drainage researches and extension methods, capacity building and research achievements in the methods of supplying the program required credits were discussed and reviewed, in detail.

During the session, Mr. Monem, Ms. Irina Bondarik, Mr. Seung Won Lee and Ms. Narges Zohrabi were nominated as the node Secretary after formal introduction



for the period of 3 years. Representative of Iraq is yet to be nominated formally by Iraq authorities.

It was decided that as a first step, the NCs should develop an inventory of the research institutions engaged in the agriculture water management within the countries and the region, the projects they are engaged in and the areas of their research interest. This information should be made available on center website, and maintain the research data base. This will pave the way for proposal for collaborative research. It was also decided that maintaining communications within national research centers, of the members countries of a Regional Node informing the requirements of the training workshops and researches to the secretariat.

## Call for Nominations of World Water System Heritage Program

Nominations are invited for registering the 'World Water System Heritage (WSH)' Program from National Committees of ICID along with National Committees of ICOLD and UNESCO-IHE. NCs are encouraged to coordinate with their counterpart in ICOLD and UNESCO-IHE as far as possible while submitting the candidatures of their Water Systems meeting the criteria as provided in the prescribed Nomination Form available at [http://www.icid.org/wsh\\_icid.html](http://www.icid.org/wsh_icid.html).

The aim of WSH program is to identify and preserve the people-centered water

management systems, organizations, regimes and rules as intangible water heritage considered to be of outstanding value to humanity that created coexistent social systems for humanity and sound environment and giving them recognition. The objectives of the program are to: (i) Gain/learn lessons from water heritage systems, (ii) Disseminate the age-old wisdom gathered through them, (iii) Extract new ideas from the wisdom aggregated from the past, and (iv) Adapt the knowledge suitably in the present context.

All the NCs have been invited to fill-in the 'Nomination Form' and send it to Central Office, which acts as the WSH Secretariat for further processing prior to the evaluation by the Jury of the Program. The completed applications, accompanied by 'Letter of Support' from the relevant authority (ies), if received before 1st October 2016 (E-mail: [icid@icid.org](mailto:icid@icid.org)), and if found in order, would be presented as the showcases of WSH during the launch of the Program at the 20th Anniversary celebrations of WWC from 25-26 November 2016.



### Proceedings of the First Irrigation Forum

The First India Irrigation Forum (IIF1) was successfully organized by International Commission on Irrigation and Drainage (ICID) and Indian National Committee (INCSW) at the 4th India Water Week ([http://www.icid.org/conf\\_iww.html](http://www.icid.org/conf_iww.html)) from 6-9 April 2016 at New Delhi, India. The theme of the session was "Partnership for better agriculture water management". ICID has taken an initiative to explore the possibility of setting up a platform for interaction amongst various professionals engaged in agriculture water management in India.



The Proceedings of the First India Irrigation Forum was compiled by the ICID Central Office with the support of India National Committee on Surface Water (INCSW) of Central Water Commission (CWC) under the Ministry of Water Resources, River Development & Ganga Rejuvenation, Govt. of India. The proceedings of IIF1 covered – background of the theme, emerging challenges in irrigation and drainage sector; improving irrigation performance; reforms in Indian irrigation sector; water saving at farm level; partnering with farmers; emerging technologies; capacity needs at various levels; mechanism to share experiences the past; recommendations of IIF a potential mechanism; brief report on presentations and program summary of the event. The present report based on the presentations made by the invited experts, the panelists and the participants, involved in the irrigation sector in India and current irrigation experts from different states shared their experiences. The proceedings is available from [http://www.icid.org/iif1\\_rep\\_2016.pdf](http://www.icid.org/iif1_rep_2016.pdf).



### ICID Annual Report 2015-2016

ICID Annual Report for the year 2015-2016 is now available online <[http://www.icid.org/ar\\_2015.pdf](http://www.icid.org/ar_2015.pdf)>

This report presents a summary of our activities and achievements for the period starting from 1 April 2015 to 31 March 2016 which covers report on: ICID Vision 2030, Mission and Six Organizational Goals, Activities of National Committees, Direct Members, Working Groups in Action, Activities of Regional Level, Milestones in the History of ICID, Key ICID Events, which includes the 26th European Regional Conference, 66th International Council Meeting, Working Together with Partners, Rewarding Excellence, Knowledge Management Dissemination, Capacity Development Activities Financial Management and Facts & Figures (World Irrigated Area, Sprinkler and Micro-Irrigated and World Drainage Area). The printed version of the report will be dispatched shortly to all the National Committees, Office-Bearers, and partner International Organizations.



### International Technical Advisory Committee for 23<sup>rd</sup> ICID Congress

The First (Virtual) Meeting of International Technical Advisory Committee (ITAC) for 23rd ICID Congress to be held at Mexico City from 8-14 October 2017 was held on 31 August 2016. The WebEx meeting was attended by: (1) PCTA Chair VPH Felix B. Reinders, Chair (South Africa); (2) PCSO Chair VPH Dr. Huseyin Gundogdu (Turkey); (3) Dr Olcay Unver (FAO); (4) VP Ian Makin (IWMI); (5) Mr. Roberto Ramírez de la Parra, President, MXCID (Mexico); (6) Mr. Gustavo Hinojosa, Irrigation Districts Manager, Conagua (Mexico); (7) Ms. Claudia Coria, International Affairs Manager, Conagua (Mexico); (8) Dr. Nahún García, Hydraulic Coordinator, IMTA (Mexico); (9) Dr. Waldo Ojeda, Irrigation Engg Sub-Coordinator, IMTA (Mexico); (10) Ms. Patricia Herrera, International Affairs Specialist, IMTA (Mexico); (11) Mr. Hernández Pérez Hugo Enrique; and (12) Er Avinash Chand Tyagi, SG, ICID & Member-Secretary, ITAC.



The ITAC finalized the Sub-questions of the two Congress Questions (60 & 61). It also deliberated on and finalized the theme for the Special Session and Symposium. These are given below. The ITAC discussed the ways and means to invigorate National Committees in Central and South American countries. N.D. Gulhati Memorial International Lecture and other Keynote Addresses; Structure of the Congress; General Reporters and Chair for the Special Session; Encouraging Young Professional (YP); Exhibition; Drafting Committee for the Congress Outcome, etc.





## Sustainable Paddy Water Management in Water-Energy-Food-Nexus

A two-days 2016 International Society of Paddy and Water Environment Engineering (PAWEES) International Conference will be held from 20-21 October 2016 at Yousung Hotel, Daejeon City, Republic of Korea. The main theme of

the Conference is "Sustainable Paddy Water Management in Water-Energy-Food-Nexus" and the sub-themes – (1) Water-food relationships and agricultural water management; (2) Tools and analysis for better Paddy Water Management; (3)

Climate Change and Paddy Water Management; and (4) Small Conference by ICID Asia Regional Working Group are covered in the conference. Please visit to Conference website at <http://pawees.net/> for more information.

### News from ICID National Committees

#### AFEID (France)

New e-mail ID of Vice President Hon. Francois Brelle (France) is <[fr.brelle@orange.fr](mailto:fr.brelle@orange.fr)>

#### INCSW (India)

The Indian National Committee of Surface Water (INCSW) organized the 2nd R&D Session was held on 5th September 2016 in New Delhi, India, where Secretary General was invited as a speaker.



Mr. G.S. Jha, Chairman, Indian National Committee INCSW; delivered a Keynote Address and highlighted the role of R&D in water sector in developed countries and requirement of environmental flows in water resources projects. Further, he stressed upon the role of R&D in Conflict Management in water sector

and advancement of technology used in irrigation and farming.

During the Technical Session, Ms. Neelam Patel, Principal Scientist, WTC, IARI made a presentation on the Research Project titled "Development of an Indigenous Automated Micro Irrigations System" described the methodology. Dr. Deepak Khare, Professor of Department of Water Resources Development and Management, IIT Roorkee also made a presentation on "Conjunctive Use planning of water resources considering spatial variation in cropping pattern using Remote Sensing and GIS" and highlighted the role of conjunctive use models in the water resources projects at the planning stage and use of spatial variation of cropping pattern in the conjunctive use models. Mr. Jha presented mementos as a mark of appreciation to all the Principal Investigators.

#### MANCID (Malaysia)

21st MANCID Annual Conference (MANCO) on the theme "Modernizing Irrigation and Drainage for a New Green Revolution" will be held from 9-11 October 2016 at Terengganu, Malaysia. Access [http://www.mancid.org.my/?mod=event\\_](http://www.mancid.org.my/?mod=event_)

[calendar&task=viewEventDetail&id=17&caltype=](#) for more information.

#### SANCID (South Africa)

A three-day Symposium on the theme "Sustainable irrigation water management and drainage for food production: Vision 2030" will be organized by South African National Committee on Irrigation and Drainage (SANCID) from 11-13 October 2016 at Goudini Spa ATKV Holidays Resort, Worcester, South Africa. For more information, please contact: Ms. Puleng Mofokeng (E-mail: [PulengM@daff.gov.za](mailto:PulengM@daff.gov.za)), Website : <http://www.sancid.org.za/>

#### USCID (USA)

The U.S. National Committee on Irrigation and Drainage (USCID) will be organizing its 9th International Conference on Irrigation and Drainage titled "Improving Irrigation Water Management - Latest Methods in Evapotranspiration and Supporting Technologies" from 11-14 October 2016 at Fort Collins, Colorado, USA. Detailed information related to the Conference is available at <http://www.uscid.org/16coconf.html>

### Forthcoming Events

#### ICID Events

**2nd World Irrigation Forum (WIF2) and 67th IEC, 6-12 November 2016, Chiang Mai, Thailand** on the theme 'Water management in a changing world: Role of Irrigation for sustainable food production'. E-mail: [thaicid@hotmail.com](mailto:thaicid@hotmail.com); [info@worldirrigationforum.net](mailto:info@worldirrigationforum.net); Website: <http://www.worldirrigationforum.net>

**13th International Drainage Workshop (IDW), 4-7 March 2017, Ahwaz City, Iran** with the theme 'Drainage and Environmental Sustainability'. Contact: Dr. S.A. Assadollahi, Secretary General, Iranian National Committee on Irrigation and Drainage (IRNCID), E-mail: [13idw2017@gmail.com](mailto:13idw2017@gmail.com) Website: <http://www.idw13.org/English/>

**23rd ICID Congress and 68th IEC, 8-14 October 2017, Mexico City, Mexico** on the theme 'Modernizing Irrigation and Drainage for a new Green Revolution'. Contact: Lic. Roberto Ramirez de la Parra, President, 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

**4th Annual – Africa Food Security Conference & Agri-Exhibition, 12-13 October 2016 at Nairobi, Kenya.** For details, visit [http://www.aidembs.com/africafood-security\\_conference/](http://www.aidembs.com/africafood-security_conference/)

**14th International Conference "EUROPE-INBO 2016" for the Implementation of the European Water Directives, 19-22 October 2016 at Lourdes, France.** For details, visit <http://www.inbo-news.org>

2016 PAWEES International Conference on the main theme "Sustainable Paddy Water Management in Water-Energy-Food NEXUS", 20-21 October 2016 at Yousung Hotel, Daejeon City, Republic of Korea. For details, visit <http://pawees.net/>

**Budapest Water Summit 2016, 28-30 December 2016 at Budapest, Germany.** For details, visit <http://www.budapestwatersummit.hu/>

**International Conference on Climate Change, Water, Agriculture and Food Security (ICCCWAFS2016), 2-3 November 2016 at ICRISAT, Hyderabad, Andhra Pradesh, India.** For details, visit [www.tswalamtari.org](http://www.tswalamtari.org)

### INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

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