



From Secretary General's Desk..



Dear Friends,

Increasing demand of water for domestic, industry and nature has put pressure for more efficient use of water in agriculture through better irrigation and drainage management. Innovative solutions based on new management options and widely available technologies are needed.

Agricultural water management (AWM) incorporates a range of options from rainfed farming to full irrigation to meet the growing demand for food. Modernization of irrigation services, through upgrading existing infrastructure and improving irrigation management practices is a challenging task with technical, social, financial and institutional dimensions. In order to provide a platform to the AWM stakeholders ICID had launched the World Irrigation Forum, as a platform to exchange information, tools and techniques; share experiences from a variety of ago-meteorological, social, and economic backgrounds; and encourage multi-disciplinary dialogue and collaboration.

The Second World Irrigation Forum (WIF2) being hosted by the Thai National Committee of ICID (THAICID) and Royal Irrigation Department, provides opportunity to discuss these challenges under the theme "Water management in a changing world: Role of Irrigation for sustainable food production". We are encouraged to see AWM stakeholders of all hues: policy makers, planners, managers, field engineers, researchers, academician, students, young professionals and farmers joining us. Through more than 300 papers, short communications and posters they will share and communicate their experiences. More than 20 farmers from across the globe: Sudan, Iran, Iraq, Egypt, India, China and Korea will be participating. The Forum also includes Ministerial, Senior Officers', and Farmers' Roundtables and International Exhibition. Brief details on these programs is provided in this issue. And last but not the least, at this Forum the prestigious World Irrigation and Drainage Prize, 2016 will be presented to Prof Bart Schultz.

A variety of Side Events that cover topics ranging from gender to education to smart technologies are being organized in cooperation with and in partnership with our international partners, AARDO, ADB, AIT, FAO, ICRISAT, IFAD, IWMI, UNESCO-IHE, UNU-FLORES, WFI, World Bank and many others International Partners.

We welcome you all to Chiang Mai. In case you have not yet booked your tickets, please give it another thought and make sure that you do not miss this last opportunity.

67th IEC meeting, that would follow the Forum, presents an opportunity to absorb the new ideas generated during the Forum and, through an intensive process of consultations, shape the future of ICID by chalking out ICID Action Plan that would help National Committees in playing their mandated role within their countries and contributing to make progress towards Sustainable Development Goals.

With Best Regards

Avinash C. Tyagi
Secretary General, ICID

Welcome to Chiang Mai



Dear Friends,

On behalf of THAICID, I am very pleased to welcome all members and distinguished participants to the 2nd World Irrigation Forum (WIF2) and 67th International Executive Council (IEC67) Meeting, organized at the International Convention and Exhibition Center Commemorating His Majesty's 7th Cycle Birthday Anniversary, Chiang Mai, Thailand from 6 to 12 November 2016.

It is apparent that Thailand is one of the ICID founder member and the leading countries that emphasize the significance of agriculture as well as water management. Earning its reputation as the kitchen of the world, the country has produced and distributed quality food to the world. Water, therefore, is considered an essential resource to ensure sustainable food production. In light of climate change and emerging environmental issues, national strategic plans have been formulated with particular attention given to food security, environmental preservation, water resources development and public participation.

Reflecting the key issues that have already been mentioned, this Forum features the theme of "Water Management in a Changing World: Role of Irrigation for Sustainable Food Production" with participants working in areas related to agriculture water management. The Forum thus offers an opportunity to connect, share experience and exchange opinions which would definitely contribute to further implementation and problem-solving activities.

Apart from this, being here in Thailand is truly a delight to enjoy tourist attractions including both natural and historical sites. Thailand is also distinguished with unique culinary, local products and traditional culture. Moreover, the hospitality of Thai people represents the country as the land of smile, leaving lasting impression to tourists worldwide. You will definitely enjoy your stay here!

Once again, thank you for your participation and attention. I strongly believe that this Forum is going to offer insight and valuable information which can be applied into practical use and fulfill the purposes of this event.

Sincerely Yours,

Sanchai Ketworrachai
President, THAICID



2nd World Irrigation Forum and 67th International Executive Council

The 2nd World Irrigation Forum (WIF2), together with 67th IEC 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.

You are invited to join the mega event and contribute to the main theme **“Water management in a changing World: Role of Irrigation for 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.

The main theme of the Forum will be started with a Plenary Session-I on 6th November 2016 from 14:00-16:00 hours (Venue: Ratchaphruek 1). President Dr. Saeed Nairizi, Ms. Aksara Putthividhya (Thailand) and Ms. Adey N. Mersha, Young Professional (Ethiopia) will be Co-Chair and Rapporteurs..

Opening Ceremony

The ‘Opening Ceremony’ will be held on 6 November 2016 at 10:00-12:30 hours and will be followed by the ‘Inauguration of the Exhibition’. The ‘Welcome Address’ will be made by Chiang Mai Governor H.E. Pawin Chamniprasart; 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 While Mr. Petipong Pungbun Na Ayudhya, Former Minister of Agriculture and Cooperatives of Thailand; and Ms. Kundhavi Kadiresan, Assistant Director-General of Asia & the Pacific FAO will deliver the ‘Keynote Address’ on the main theme. Prof. Bart Schultz of the Netherlands will be awarded 2nd World Irrigation and Drainage Prize during the Opening Ceremony.

Registration

On special request, the last date of **‘Online Registration’ is extended to 26th October 2016**. Please Hurry! Register now!! Don’t miss this last chance!

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>. For more information, please access <http://www.worldirrigationforum.net/registration/>

Keynote Speakers

The following eminent experts will deliver the Keynote speeches:

Opening Ceremony

- ❖ Mr. Petipong Pungbun Na Ayudhya, Former Minister of Agriculture and Cooperatives, Thailand
- ❖ Ms. Kundhavi Kadiresan, Assistant Director-General, FAO

Plenary Session I

- ❖ Securing Water and Food: Opportunities in Irrigation will be delivered by Dr. Peter McCornick, Executive Director of Robert B. Daugherty Water for Food Institute, University of NebraskaLincoln, USA.
- ❖ Water for Agriculture: Our role in meeting the Sustainable Development Goals will be delivered by Dr. Steven N. Schonberger, Head of Water for Agriculture Global Solutions Group, The World Bank.

Presentations

- ❖ Prof. Bart Schultz (The Netherlands), the winner of the 2nd World Irrigation and Drainage Prize.
- ❖ Outcome of the 2nd Asian Irrigation Forum (AIF2) and release of publication on Irrigation Financing by Mr. Akhtar Ali, ADB.
- ❖ IFAD’s experience in water management for improved food security and nutrition for smallholders by Mr. Mawira Chitima, Lead Technical Specialist (Water and Rural Infrastructure), IFAD.
- ❖ Young Professionals’ perspective on the 2nd World Irrigation Forum, presented by Ms. Adey N. Mersha (Ethiopia).

Plenary Session II

- ❖ Five years after the Bonn Nexus conference – implications for irrigation and drainage will be delivered by Mr. Jeremy Bird, Director General, IWMI.

Plenary Session III

- ❖ Dr. Mohammad Bagher Ghalibaf, Mayor of Tehran.

Plenary Session IV

- ❖ Irrigation, Drainage and the SDGs’ will be delivered by PH Prof. Chandra

A. Madramootoo, McGill University, Canada.

Ministerial Roundtable

Ministers from around 15 countries, both member as well as non-member countries, would be joining the 2nd World Irrigation Forum on the invitation of H.E. General Chatchai Sarikulya, Agriculture and Cooperatives Minister of Thailand. A ‘Ministerial Roundtable’ meeting on the theme “Rural Transformation through Efficient Agriculture Water Management” will be held on 6 November 2016 from 16:30-18:30 hours. Dr. Saeed Nairizi, President of ICID will welcome the Ministers.

On 7th November 2016, the ‘Senior Officials’ Roundtable’ meeting will also be held on 7th November 2016 from 16:30-18:30 hours. ‘Welcome Address’ and ‘Opening Remarks’ will also be made by Director-General of Royal Irrigation Department, Thailand and Dr. Saeed Nairizi, President of ICID, respectively during the meeting.

Farmers’ Roundtable

Farmers from China, Egypt, India, Indonesia, Iraq, Nepal, Pakistan, Russia, South Africa, Sudan, Ukraine, Uzbekistan, Zimbabwe and Korea and other countries including Thailand will attend the Forum and share their perspectives. A Farmer’s Roundtable on the theme “Farmers’ Contribution to Sustainable Agriculture Production” will take place on 7th November 2016 from 14:00-16:00 hours where the farmers will discuss issues of their interest related to Agriculture Water Management (AWM).

Farmers will share the new water saving techniques with the winners of 2016 WatSave through presentations on “Save Irrigation Water Using the Innovative Machine of Soil and water management for rice crop cultivation (SWMR)”; “Innovation, Implementation and Extension of the Water Saving Integrated Smart Farming – AWDI Technique in Thailand”; and “Saguna Rice Technique – Zero Till, Conservation Agriculture”. Dr. Saeed Nairizi, President of ICID will welcome the farmers.

Side Events

Seventeen Side Events on 7th and 8th November 2016 organized by partner organizations such as ADB, AARDO, AEFID, AIT, DWIF, FAO, GeoSpatial, IWMI, ICRISAT, IFPRI, SWP, World Bank will showcase various perspectives on the three sub-themes of WIF2.

1. Role of Women in Irrigation and Drainage
2. Agricultural Water Management for Sustainable Rural Development
3. New Developments in Irrigation and Modernization

4. Water Productivity Assessment for Improved Irrigation Performance and Water Security
5. History of Irrigation and Drainage around the World
6. Building Farm Level Capacities in Irrigation Water Management to Adapt to Climate Change
7. Climate Change Impact and Adaptation in Agriculture
8. Coping with water scarcity in agriculture: a global framework for action in a changing climate
9. Environmental performances of paddy rice systems in the context of climate change
10. GeoSmart Technologies for Sustainable Irrigation and Drainage
11. Key and smart technologies for irrigation and drainage to reduce poverty and hunger
12. Education and Training in Irrigation and Drainage
13. Solar Energy in Irrigation and Drainage
14. Data acquisition and 3D model generation by drone
15. Management of water supply and water resources in Thailand
16. Sustainable Groundwater Management in Thailand and its Challenges
17. Appropriate Practices for Rice Cultivation

A detailed Brochure is available at http://www.icid.org/wif2_sideevent_broch.pdf

Young Professionals – Training Workshops

As part of the capacity development and training, ten young professionals namely have been awarded full Scholarship to attend WIF2 and 67th IEC meetings. In addition, more than 20 YPs are being sponsored by the National Committees to take active participation in various technical sessions and also provided opportunity to act as Rapporteur.

Training Workshops will be held on 11th November 2016.

1. Water Accounting and Auditing: Improving water governance and water management organized by Jippe Hoogeveen, and Robina Wahaj, FAO (09:00-12:30 hours)
2. The Environmental Impact Analysis of Irrigation Systems: Using Life Cycle Analysis organized by Dr. Sylvain R. Perret, CIRAD, France (13:30-17:00 hours)

Visa Information

THAICID has provided the Visa information for the participants of WIF2 and 67th IEC meetings. The General information for Visa

purposes can be downloaded from <http://www.mfa.go.th/main/en/services/4908>.

Transportation and Accommodation

Please access <http://www.worldirrigationforum.net/transportation/> and <http://www.worldirrigationforum.net/accommodation/> for information on the transportation and accommodation and various hotels.

Programme

A detailed programme of WIF2 (http://www.icid.org/wif2_program_detail.pdf) & 67th IEC, Pre-council meetings (http://www.icid.org/67iec_program_detail.pdf) is made available on ICID and WIF2 websites. Please access the respective URLs to get the latest programme.

Opening Plenary 67th IEC Meeting

The Opening Plenary of the 67th IEC meeting will be held on **08 November 2016** from 16:30-18:30 hours where President Dr. Saeed Nairizi will welcome the participants and Secretary General Avinash C. Tyagi will introduce the Agenda and update on various programmatic issues.

This year, Sri Lankan National Committee of ICID (SLNICID) and Moroccan National Committee of ICID, Association Nationale des Ameliorations Foncières (ANAFIDE) will make their National Committee presentations during the Opening Plenary.

Winners of the WatSave Awards 2016

ICID presents every year the Annual WatSave Awards recognizing the outstanding contribution to water conservation or water saving and thereby creating the culture of water savings for the benefits of all water-users. WatSave Awards are given for the proven interventions that have actually realised savings and not just in terms of promising research results, plans and/or good ideas/ intentions to save water.

An international Jury headed by PH Dr. Gao Zhanyi reviewed the nominations received and declared WatSave Awards 2016 winners as:

- ❖ **Technology Award** for “Innovation and Extension of Sprinkler and Micro Irrigation Technologies in China” - Prof. Li Jiusheng (China)
- ❖ **Innovative Water Management Award** for “Innovation, Implementation and Extension of the Water Saving Integrated Smart Farming – AWDI Technique in Thailand” - Mr. Va-Son Boonkird & Dr. Watchara Suiadee (Thailand)
- ❖ **Young Professional Award** for “Save Irrigation Water Using the Innovative Machine of Soil and Water Management for Rice Crop Cultivation (SWMR)” - Dr. Mohamed El-Hagarey (Egypt)

❖ **Farmer Award** for “Sanguna Rice Technique – Zero Till, Conservation Agriculture” - Mr. Chandra Shekhar H. Bhadsavle, Mr. Changdev K. Nirguda and Mr. Anil D. Nivalkar (India).

Hearty congratulations to the Winners!

ICID Young Professional’s e-Forum (IYPeF)

Young Professionals interested in Agriculture Water Management issues, has established ICID Young Professional e-Forum (IYPeF) as a LinkedIn Group (<https://www.linkedin.com/groups/6990321>). More than 150 Young Professionals have joined the Group.

In the run up to the WIF2, three e-Discussions were organized on the themes:

1. Role of Education in Irrigation and Drainage;
2. Women in Irrigation and Drainage Sector; and
3. New Technologies for Irrigation and Drainage

Based on these e-Discussions representatives will be presenting the gist of these discussions at the WIF. Ten of the most active members were selected for the scholarship to attend WIF2 and shortlisted for chosen as coordinators.

IYPeF members selected one Coordinator, and 5 Joint Coordinators from the group via on-line polling between 10 to 14 October 2016. Based on the number of votes received the following team of coordinators have been elected by the members to undertake the activities of IYPeF and they have been listed in the order of merit with those getting maximum votes on the top.

1. Ms. Kathleen Heuvel, Australia,
2. Ms. Adey N. Mersha (Ethiopia);
3. Mr. Rafat Nael Al-Intaki (Iraq);
4. Mr. Mika Turunen (Finland);
5. Mr. Abdullahi Hassan Hussein (Somalia); and
6. Ms. Jakia Akter (Bangladesh)

Reduce Carbon Footprint

In order to contribute to the global efforts towards reduction in greenhouse gases and to save trees, we seek your cooperation in reducing paper consumption at the IEC meetings. We request you to please download the annotated Agenda for various meetings from the provided hyperlinks <http://www.icid.org/agenda.html> and use the electronic copy of the Agenda during the meetings.

Please remind yourself to pack your Notebooks/ iPads before boarding the flight to Chiang Mai.

Second World Irrigation Forum (WIF2) 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	Registration	WIF OPENING CEREMONY (10:00-12:00) - Welcome Address - Report by DG RID - Opening & Keynote Addresses - Addresses on Theme - WID Prize	PLENARY SESSION III Sub Theme 2: Management of climatic extremes with focus on floods and droughts	3rd Parallel Session Sub- Theme 1 4th Parallel Session Sub- Theme 1 3rd Parallel Session Sub- Theme 2	
11.00-11.15				H E A L T H B R E A K	
11.15-13.15			INAUGURATION OF THE EXHIBITION (12:00-12:30) Briefing Meeting of Session Officers (12:45-13:15)	PLENARY SESSION IV Sub-Theme 3: Key and smart actions to alleviate hunger and poverty irrigation and drainage	5th Parallel Session Sub- Theme 1 4th Parallel Session Sub- Theme 2 3rd Parallel Session Sub- Theme 3 Penal Discussion (Youth and other topics)
13.15-14.00					L U N C H B R E A K
14.00-16.00	PLENARY SESSION 1 Main Theme: Water management in a changing World: Role of irrigation in Sustainable Food Production	1st Parallel Session Sub-Theme 1 1st Parallel Session Sub-Theme 2 1st Parallel Session Sub-Theme 3 Side Event(s)[SE-1, 2, 3, 6, 10, 12, 14, 15] Farmers Roundtable Meeting		PLENARY SESSION V (Integrating Session on Main Theme & Three Sub-themes and presentations)	
16.00-16.30		H E A L T H B R E A K			
16.30-18.30	PLENARY SESSION II Sub Theme 1: Key actors in balancing water, food, energy and ecology Round Table 2 - (Time: _____) ROUND TABLE -1 : Ministerial Meeting on Policy Issues	2nd Parallel Session Sub-Theme 1 2nd Parallel Session Sub-Theme 2 2nd Parallel Session Sub- Theme 3 Side Event(s)[SE-1, 2, 3, 6, 9, 10,12]	IEC PLENARY		
19.00-22.00		Welcome Dinner		President's Cocktail (ICID Vision 2030) [By Invitation] (18:30 - 20:00)	
				Round Table -2: High level meeting of Govt. officials	
				Australian Repton (By Invitation)*	

Continuing our efforts towards a greener IEC, we have uploaded all the agenda papers on our website. No hard copies of the Agenda will be made available during the meetings. You may therefore, like to come prepared for a paperless (almost) Council meeting and bring your laptops with you.

The agenda and program are also updated as and where required, therefore, please be sure to use the latest version of the agenda documents.

67th International Executive Council (IEC)

(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 IRPID (9:00-11:00)			WG-BIO-ENERGY (09.00-11.00) C-PR&P (09.00-11.00)	ASRWG-I ERWG-I IYPEF-I	23rd CONGR - ITAC (08:00-9:00) PFC-I WG-ENV-I WG-SDTA-I WG-DROUGHT-I	PCTA	IEC
10.30-11.00				Health Break			YP-Training WS	
11.00-12.30	WIF ITAC Meeting (11:00-13:15)		SC Meeting (11:00-13:15)	TF-WWF8 (11.15-13.15) WG-IDSS T (11.15-13.15)	ASRWG-II ERWG-II IYPEF-II	PFC-II WG-ENV-II WG-SDTA-II WG-CLIMATE-I	PCTA	IEC
12.30-13.30				Lunch Break			YP-Training WS	
13.30-14.50	TF-Subscription (14:00-15:00)				WG-IOA-I WG-SDG-I WG-WATS-I	PCSO-I WG-CLIMATE-II WG-SON-FARM-I WG-W&C-I	PCTA	IEC
15.00-15.30				Health Break			YP-Training WS	
15.30-17.00	TF-Revitalization(15:00-16:00) MB-I (16:30-18:30)		MT-JOUR (16:00-16:30)	IEC PLENARY (16.30-18.30)	WG-IOA-II WG-SDG-II WG-WATS-II	PCSO-II WG-SON-FARM-II WG-W&C-II	PCTA	IEC
17.00-18.30					NCs + YPs Meeting*	OBC Meeting*		CLOSING CEREMONY
19.00-22.00		Welcome Dinner	President's Cocktail (ICID Vision 2030) (18:30-20:00) [By Invitation]	Australian Reception (By Invitation)	Mexican Reception (By Invitation)	Iranian Reception (Invitation)	Farewell Dinner	

Basin	Basin
Schemes	Schemes
On-Farm	On-Farm
Knowledge	Knowledge

Themes

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

Visitors to ICID Central Office

Mr. Madhav Belbase, Chairman, NENCID

Mr. Madhav Belbase, Chairman of Nepal National Committee of ICID (NENCID) visited the ICID Central Office on 15 September 2016 to discuss issues related to the 8th Asian Regional Conference. Secretary General briefly explained the recent initiatives and progress in respect of development of ICID Action Plan 2030, Heritage Irrigation Structures (HIS), and Capacity Development & Training program. Mr. Madhav Belbase proposed the dates for the ARC to be from 22-27 March 2018. He further discussed about the theme "Irrigation in support of an Evergreen Revolution" and sub-themes which needs to be firmed up.



Secretary General Avinash C. Tyagi invited him to join the upcoming Second World Irrigation Forum (WIF2) during 6-12 November 2016 at Chainag Mai, Thailand. Dr. Vijay Labhsetwar, Director informed him about the presentation on the proposal of 8th ARC to be made in the C-CONGR meeting on 9 November 2016 at Chiang Mai. Mr Harish Varma, Executive Director further informed that a presentation also needs to be made at PFC meeting on 10 November 2016 focussing on financial aspects of the ARC and also at IEC Meeting on 12 November 2016.

President Hon. Dr. Chandra A. Madramootoo (Canada)

Dr. Chandra Madramootoo (Canada), President Hon. ICID visited ICID Central Office on 27th September 2016. Secretary General Er. Avinash C. Tyagi, Er. Harish Kumar Varma, Executive Director and Dr. Vijay K. Labhsetwar, Director of ICID welcomed Dr. Madramootoo.



Secretary General Er. Tyagi briefed him about the recent initiatives and progress in respect of development of ICID Action Plan 2030, Heritage Irrigation Structures (HIS), Capacity Development & Training and preparation of the Second World Irrigation Forum (WIF2). As a Chair of the Panel of Judges of Second World Irrigation and Drainage Prize, Dr. Madramootoo will present report of selection of 2nd WID prize winner during Opening ceremony of WIF2 scheduled on 6th November 2016.

During meeting preparation of ICID's 69th IEC and 5th American Regional Conference to be held in September 2018 at Saskatoon, Canada and input of ICID to 8th World Water Forum were also discussed.

Enhancing Resilience to Drought Events on the African Continent

A five day African Drought Conference on theme "Enhancing Resilience to Drought Events on the African Continent" hosted and organised by Ministry of Environment and Tourism, Republic of Namibia with support from the United Nations Convention to Combat Desertification (UNCCD), the African Union (AU) and diverse partners, from 15-19 August 2016, Windhoek, Namibia ended with adoption of the "The Windhoek Declaration for Enhancing Resilience to Drought in Africa" (http://www.droughtmanagement.info/wp-content/uploads/2016/08/Windhoek-Declaration_Final-Adopted-by-ADC-15-19-August-2016.pdf) on 19th August.



The objective of the conference was to come up with an overarching strategic framework for Africa which enhanced resilience to the impact of drought events. The topics included are: (a) focus regional and international attention on the issue of enhancing resilience to drought events; (b) identify needs and shortcomings as well as good practices in the area of enhancing resilience to drought events; (c) encourage African countries to develop their short, medium and long term drought mitigation and adaptation measures/interventions and plans; (d) move towards a strategic framework for drought management and enhancing resilience to drought events at the African level; and (e) strengthen partnerships and cooperation for enhanced drought resilience.

The Strategic Framework was finalized during the technical segment of the Drought Conference, which also considered among other issues like (i) African perspectives on drought, land degradation and desertification; (ii) linkages to the SDGs and the African Union's Agenda 2063; (iii) outcomes of the 3rd Africa Drylands Week; (iv) best practices in drought management; (v) national regional and global drought monitoring and early warning systems; vulnerability assessments; innovative sources of finance for enhancing resilience to drought events; and appropriate response and relief measures during and after drought events.

For more information, please access <http://www.unccd.int/en/media-center/MediaNews/Pages/highlightdetail.aspx?HighlightID=460>

Great Rivers of the World: Management for Shared Benefits

Er. Avinash C. Tyagi, Secretary General and Er. Harish K. Varma, Executive Director of ICID attended a three-day 19th International River Symposium, first outside Australia, on the theme "Great rivers of the world: management for shared benefits" organised by International River Foundation (IRF), Australia along with number of international partners from 12-14 September 2016 at New Delhi, India. IRF provides a platform for river managers, policy developers, scientist, consultants, NGOs and community organisations to share knowledge and innovative ideas on all aspects of river and water management. Secretary General Avinash Tyagi made a presentation on "Role of ICID and other organizations in helping us achieve SDGs" during the symposium.

Deliberations during the symposium covered wide range of topics related to water resources and river development and management such as environmental flows; integrated river basin development; community engagement, gender and leadership; managing large river basins; river restoration; hydropower; technology and innovation; water quality and public health; policy, governance and institutions; climate change and sustainable development; urban rivers etc. In addition number of side events by different partners were also organized

Reforms in Water Sector: Implication for Sustained Water and Food Security

"Implication for Sustained Water and Food Security" was organized by CBIP in collaboration with Indian National Committee and ICID from 22-23 September 2016 at Pune, India. More than 175 participants attended the seminar. A total five Technical Sessions were organised on topics: (1) Water Governance for Equity and Sustainability; (2) Managing Water at River Basin Level; (3) Technological Options for Efficient Use of Water in Irrigated Agriculture; (4) Water pricing and

impact of subsidies in irrigated agriculture; and (5) Participatory Irrigation Management.

Vice President Er. A.B. Pandya and Secretary General Hon. Dr. C.D. Thatte made their presentation on "Water Governance for equity and sustainability" and "Overview of reforms in water sector - Implications for sustained water and food security" respectively during the Plenary Session of the seminar. Er. Harish K. Varma, Executive Director of ICID also made a

presentation on "Experiences in use of treated/untreated wastewater for irrigation".

Some of the interesting presentations were on "Technological Options for Efficient Use of Water in Irrigated Agriculture"; "Incentivizing Water Use Efficiency – Virtual Water Approach"; "Participatory Irrigation Management in Maharashtra" and "Experiences in water regulatory reforms in India", respectively.

13th International Drainage Workshop: 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) have already been issued and widely circulated amongst National Committees and International Organizations. Please access IDW13 website <<http://www.idw13.org>> for more information. Please submit your full length paper(s) latest by **1 December 2016**.

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

Instant access to documents for 67th IEC Meetings

The Agenda for all the pre-Council meetings of 67th IEC can be directly accessed from our website <http://www.icid.org/agenda.html>. While using the agenda, please pay attention to the version date indicated in the header of the page. This will also help you in getting the latest version of the agenda with supplementary agenda items already included. It is advisable to download the Agenda after 25 October 2016 for use during the meetings. By that time the Supplementary Agenda items would have been incorporated, and omissions, if any, taken care of.

In addition, a DropBox folder has also been established for 67th IEC meeting under "ICID-IEC" folder and shared files required to be referred by the Chairs/Vice Chairs/Secretaries of the respective Workbodies (WBs) and Task Forces (TFs). In order to facilitate the process at the Chiang Mai meetings and provide instant access to all the meeting related information, ICID Central Office has uploaded all the information in the Agenda folder with separate sub-folders for each WB/TF. The

files listed in 'Supplementary Agenda Notes' can also be accessed through the 'DropBox' share folder.

All WB chairs are requested to submit their reports (draft minutes and summary reports of the key proposal) immediately after the meetings in the respective share folder. WB/TF coordinators can edit these uploaded files online and the same will be made available to the Chairs of PCTA, PCSO, and the Central Office Staff, instantly.

Central Office has invited the Chairs, Vice-Chairs and Secretaries of the ICID Workbodies and Task Forces to join the DropBox portal and make use of this facility. On receipt of the invitation message, please take time to join this share folder by accepting the invitation. In case you could not accept/loss the invitation link sent by Mr. Madhu Mohanan, Communication Officer, ICID, please contact Central Office to send you a fresh invitation. For clarifications, if any, please contact Mr. Madhu Mohanan, Communication, ICID <icid@icid.org>



News from ICID National Committees

ABID (Brazil)

The Brazilian National Committee of ICID (ABID) will be organizing its XXVI National Congress on Irrigation and Drainage (CONIRD), from 21-25 November 2016 at Aracaju, Brasilia. Please Contact: Ing. Helvecio Mattana Saturnino, President, ABID (E-mail: abid.agriculturairrigada@gmail.com; abid.conird@gmail.com) and Website: www.abid.org.br

CANCID (Canada)

Mr. Roger Hohm has taken over as the new President of the Canadian National

Committee of ICID (CANCID). The contact coordinates are:

Mr. Roger Hohm
President, Canadian National
Committee, ICID (CANCID)
2408 - 10a Street, Coaldale, AB,
Canada, T1M 1N4, Canada
Email: roger.hohm@coaldale.ca;
rhohm@telus.net
Tel.: (403) 715-62, (403) 345-6459

ICID fraternity extends its warm welcome to Mr. Roger Hohm and expresses its thanks to Dr. Abdel-Zaher Kamal Abdel-Razek, former President of CANCID for his valuable contributions to ICID.

KCID (Korea)

New postal address of Vice President Bong Hoon Lee (Korea), Chairman of KCID is –

Mr. Bong Hoon Lee
Chairman, Korean National
Committee on Irrigation and
Drainage (KCID)
3F, Land Development Project Office
Korea Rural Community Corporation
(KRC), 126, Suin-ro Gwonseon-gu,
Suwon-si, Gyeonggi-do, 16429
Republic of Korea
Email: bhlee00@gmail.com
Tel: +82-31-201-0466 /
Fax : +82-505-300-0471

SANCID (South Africa)

New contact details of Ms. Palo Kgasago in place of Ms. Puleng Mofokeng acting as Interim Secretariat of SANCID are:

Ms. Palo Kgasago
Interim Secretariat
South African National Committee
on Irrigation and Drainage (SANCID)
Private Bag X515, Silverton, Pretoria,
001, South Africa
Email: PaloKG@daff.gov.za
Tel: +27 12 846 8563

THAICID (Thailand)

Mr. Sanchai Ketworrachai has taken over as the new Director-General of the Royal Irrigation Department (RID) and President of the Thai National Committee on Irrigation and Drainage (THAICID). Contact coordinates of Mr. Ketworrachai are:

Mr. Sanchai Ketworrachai
Director General, RID
Chairman, Thai National Committee
on Irrigation and Drainage
811 Samsen Road, Thanon-
NakornchaiSri
Dusit Bangkok 10300, Thailand
Email: thaicid@hotmail.com
Tel: +662 243 6963, +662 243
1739

ICID fraternity extends its warm welcome to Mr. Sanchai Ketworrachai and expresses

its thanks to Mr. Suthep Noi-Pairoj, former President of THAICID for his valuable contributions to ICID.

Smart Irrigation for Food Security: ZERO Hunger



H.E. Prayut Chan-o-cha, Hon'ble Prime Minister of Thailand awarded Mrs. Supaporn Thongpook (Thailand) the First Prize as winner of the slogan contest for the upcoming event 2nd World Irrigation Forum (WIF2) on 13 September 2016 for the slogan 'Smart Irrigation for Food Security: ZERO Hunger'. Mrs. Thongpook received 20,000 baht and a Trophy from the Prime Minister.

During the ceremony of the award presentation, H.E. General Chatchai Sarikulya, Hon'ble Minister of Agriculture and Cooperatives; Engr. Teerapat Prayoosit, Permanent Secretary for Agriculture and Cooperatives Director-General of Irrigation Department; and Mr. Suthep Noipairoj were present, together with Mr. Apinan Juntarungsri, Director-General of the Government Public Relations Department, in his capacity as a Chairman of the Public Relations Committee for the 2nd World Irrigation Forum.

In addition to the award presentation ceremony, the Royal Irrigation Department also organized an exhibition, on the concept "Thailand 4.0 toward Smart Irrigation for Food Security: Zero Hunger", in order to publicize the upcoming 2nd World Irrigation Forum and the 67th International Executive Council Meeting to be held in Chiang Mai, Thailand.

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; info@worldirrigationforum.net; Website: <http://www.worldirrigationforum.net>

13th International Drainage Workshop (IDW), 4-7 March 2017, Ahwaz City, Iran on 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 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; info@mxcid.org; Website: www.icid2017.org

Other Events

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/>

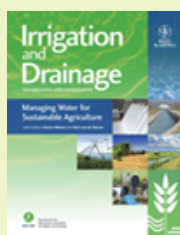
1st International River Summit on 'Global Threat to Water Security and Biodiversity', 24-26 November 2016 at Allahabad, India. For details, visit <http://iribaf.org/Internationalriversummit2016/>

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



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, Workbody Chairs, Members and National Committees.

The Special Issue on 'ICID Gwangju Congress' by Asian Authors, Volume 65, S1 (Page 1-101), October 2016 which is available at <http://onlinelibrary.wiley.com/doi/10.1002/ird.v65.S1/issuetoc> for direct access.

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

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India, Tel: 91-11-2611 5679, 91-11-2611 6837, 91-11-2467 9532
Fax: 91-11-2611 5962; E-mail: icid@icid.org; Website: <http://www.icid.org>; Facebook: <http://www.facebook.com/icidat>
Editor: Madhu Mohanan, Communication Officer; Layout: Keshav Dev Tanwar, IT Assistant