

News Update



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

International Commission on Irrigation and Drainage

APRIL 2018

From Secretary General's Desk...



Dear Colleagues,

With the successful conclusion of the 8th World Water Forum last month in Brasilia, Brazil, there is a sense of new energy among the water sector stakeholders to focus more on field level interventions and change, and that's the way it should be. The sheer diversity of participants during the Forum helped to deliberate the multi-disciplinary aspects of water. ICID was well represented by its members, partners, office bearers, stakeholders among others, and I am certain the Forum recommendations will reverberate in ICID activities in future.

This year, ICID commenced recognition of World Water System Heritage (WSH) program as a joint member initiative with the World Water Council (WWC). The awards recognize the water administration and distribution systems performing over historical periods. Three systems- two from Japan and one from Iran- were recognized at the global level. It is necessary for us to learn from such systems so that increasing tensions over resource allocation can somewhat be eased.

Interestingly, this year the World Water Day theme was 'Nature-based solutions' (NbS) and it drew our attention to the natural systems and mechanisms available around us that address some of our most serious water-related problems such as water scarcity and pollution.

This issue of News Update covers many events wherein ICID participated or was represented by our National Committees. The World Water System Heritage program, collaboratively organized by World Water Council and ICID, saw the maiden recognition of three heritage systems in an exclusive event during the inaugural ceremony of WWF8. ICID also took part in many technical sessions, meetings and side events, including WASAG and Water Accounting initiative. Finally, the White Paper on Water Accounting was officially published and released at a side event. ICID has made a significant contribution to this White Paper.

Last month also witnessed celebrations all over the world to celebrate 'International Women's Day' on 8th March. It reminds us all the significant role that women, both urban and rural, are playing in agriculture, water and sanitation, and rural development. They are also taking large strides in various fields as well-deserved professionals.

Recognizing the important role that young professionals play in analysing and solving major problems facing the humankind, ICID has been regularly conducting webinars and e-discussions through its open online platform – IYPeF (ICID Young Professionals e-Forum). Accordingly, face-to-face trainings are also organized for selected professionals to coincide with ICID annual events, which makes it possible for young professionals to interact among themselves and with international experts for better knowledge exchange. Currently, CNCID and NENCID are conducting such training for the YPs.

As I sign off, let me take this opportunity to remind all our NCs that 'International Mother Earth Day' will be observed on 22nd April. Let's use the occasion to unite and shape the future of 21st century environmentalism and bring the message to people that they have a collective responsibility to protect the environment and to balance the economic, social and environmental needs of present and future generations.

Ashwin B. Pandya
Secretary General

President Reinders represents ICID at ASIA 2018

Asia 2018: Seventh International Conference and Exhibition on Water Resources and Renewable Energy Development was held from 13-15 March 2018 in Danang, Vietnam. Organized by Aqua-Media International, the event attracted more than 500 participants from around 45 countries.

Recognizing that Asia is the region of the world with numerous programmes on water resources and hydro



development, the three-day event provided a platform to international

experts from wide range of disciplines, including earthquake engineering, dam safety, project finance, large and small hydropower etc, to focus on issues of direct relevance to the region and enable practical exchange of expertise and experiences.

ICID being one of the supporters of the event was represented by President Felix Reinders. In his opening address, he emphasized on global issues of

water stress, highlighting that by 2030, two-thirds of the world population would be suffering from water shortages. President Reinders referred to the fact that in some developing countries a large proportion of the population had more cell phones than taps, and stressed the need for different sectors associated with water resources to work together to increase universal access to water. He outlined ICID's mission and strategy that included the achievement of its 'Vision 2030:

A water secure world free of poverty and hunger.'

The plenary opening ceremony featured national overviews of development potential and keynote addresses; parallel sessions included paper presentations and panel discussions. Side events provided extra opportunities for training, capacity building and business networking. Additionally, various events for the participants were also organized

such as Pre-Conference Workshops, Post-conference study tours, half-day cultural excursion, social programme, technical exhibitions and accompanying persons' program. A post-conference and study tour report will also be later made available.

To know more about the event, please visit: <http://beta.hydropower-dams.com/photos/asia-2018/>



ICID partakes at 8th World Water Forum 2018

The 8th World Water Forum- the world's largest water event- was successfully held from 18-23 March 2018 in Brasilia, Brazil with over 8,000 participants and 40,000 visitors from around the world. More than 10 Heads of State, including the President of Brazil, H.E. Michel Temer, President of Hungary, H.E. János Áder, President of Senegal, H.E. Macky Sall, South Korean Prime Minister H.E. Lee Nak-yeon, alongside CEOs of fortune 500 companies, among many others attended the mega event to participate in high-level panel meetings and several sessions to discuss the future of water security for the next three years.

Organized by the World Water Council (WWC) the opening ceremony was attended by high-level international authorities, and the event had the participation of representatives of

important international bodies- the United Nations and its agencies, European Union, World Bank, IDB, Portuguese Speaking Countries (CPLP), OECD among others.

With more than 200 sessions, thousands of attendees came together to find solutions to the world's impending water crisis, which had "Sharing Water" as its overarching theme. The wide-ranging discussions during the Forum invoked the notion that sharing water requires appropriate cooperation mechanisms to build a world of peace and stability around the shared basins and aquifers thereby seeking cooperation and the exchange of experiences and good practices for a conscious and rational water use.

Held in the southern hemisphere for the first time, the event witnessed ICID



participation through various technical sessions, meetings, side events and was represented by President Felix B. Reinders, Secretary General A.B Pandya, National Committee members, and several other stakeholders.

At the closing ceremony of the WWF8, Senegal received the flag of the WWC as the host country of the 9th World Water Forum to be held in 2021. 'Water security for peace and development' will be the theme of the ninth edition.

World Water System Heritage (WSH) Recognition

An exclusive Award ceremony jointly organized by ICID and WWC to recognize three water management systems selected under the World Water System Heritage (WSH) program was held during the opening ceremony on 19 March 2018 at the WWC Pavilion. The recognized systems selected by the International Panel of Judges include: (i) The Genbegawa Irrigation Canal System, Japan; (ii) Sekikawa Suikei Land Improvement District, Japan; and (iii) Sheikh-Bahaei Water Allocation Scroll, Iran. Citation Plaque and Certificate were presented to the representatives by Prof. Benedito



Braga, President, WWC and President Reinders, ICID. The WSH Program aims at identifying and preserving the people-centred water management systems, organizations, regimes and rules as intangible water heritage considered as outstanding value to humanity and giving them recognition.

Technical Sessions under the theme 'Development-Water for Sustainable Development'

The Thematic Process that organizes discussions and debates on a variety of themes relating to water security challenges and lessons witnessed ICID's involvement in various sessions linked to "Water for Food Security" under the theme 'Development-Water for Sustainable Development'. ICID used the opportunity to demonstrate the impact of its multi-stakeholder partnership on improving the way the world manages its water resources technologies — giving attention to diverse perspectives on critical water and food security issues. The objective

was to contribute to the outcomes of the Forum in support of the implementation of the 2030 Agenda /SDG's, and to ensure continuity towards the Forums to come. Presented in a nutshell are some of the important sessions and side events wherein ICID participated to learn from others, meet with global partners and share knowledge, best practices and new technologies.

Technical Panel Session on Farming for ecosystem services: Can farmers save rivers and still make a profit?

The session under the theme 'Ecosystems' was held on 23 March 2018. President Reinders, ICID gave a presentation on the topic that highlighted the policy frameworks and management tools to integrate profitable small and large-scale farming practice with ecosystems functions related to water and improved catchment management that is consistent with SDGs 2, 6 and 15 (Hunger, Water and Sanitation, Life on land).

Technical Panel Session on Soil

and Water Conservation Practices for Improved Food Production

Secretary General, Pandya participated in the session which was held on 20 March 2018. It included case studies, as well as discussion on ways to successfully introduce and implement effective tools and techniques for disseminating information and technology on improving soil and water conservation practices and availability of water in river basins.

Side Event – Water Accounting (Includes FAO publication launch)

UN Food and Agriculture Organization (FAO) invited ICID President to be a part of a side event on Water Accounting (WA) under the theme 'Sharing' on 21 March 2018. A White Paper was presented on "Water accounting for water governance and sustainable development". The publication is the outcome of the WWC member initiative on Water Accounting to which ICID contributed significantly. Other WWC-members involved in the initiative are International

Water Management Institute (IWMI), University of Nebraska Daugherty Water for Food Institute (DWFI), UNESCO Institute for Water Education (UNESCO-IHE) and the UNESCO World Water Assessment Program (UNESCO-WWAP).

Special Session - WASAG - The Global Framework on Water Scarcity in Agriculture

ICID is a partner and member of Interim Steering Committee (ISC) of WASAG. The special session held on 22 March 2018 brought together the partners and stakeholders of the Global Framework on Water Scarcity in Agriculture (WASAG) led by FAO.

Additionally, WASAG Working Groups meetings on 'Sustainable Agriculture Water Use' and 'Communication Strategy' were also held in which ICID is a member. Dr. Arcieri, (ITAL-ICID) represented ICID at the WASAG Partners and the 6th ISC Meeting.

For more info, please visit: <http://www.worldwaterforum8.org/en>



8th Asian Regional Conference, 2018

2-4 May 2018, Kathmandu, Nepal

With less than a month left, the Nepal National Committee of ICID (NENCID) is all set to host the 8th Asian Regional Conference (8ARC) to be held from 2-4 May 2018 in Kathmandu, Nepal. The main theme of the conference is "Irrigation in Support of an Evergreen Revolution."

The three-day conference will cover the following sub-themes:

- Enabling small holders' capacity to obviate farmers' distress
- Coping with recurring droughts and floods in the context of climate change
- Modernizing irrigation systems for better services
- Enabling Water Users Institutions (WUIs) for sustainability of irrigation systems
- Irrigation, ecosystem services, and aquatic biodiversity

The topics covered would address the challenges to increase agriculture productivity. Experts participating in the

event from the region and beyond would be provided an opportunity to discuss and contribute to a new evergreen revolution.

PROGRAMME – The programme itinerary for the 8ARC 2018 is now available on the website. For more details, please visit- <http://www.8arc2018.org/program.php>

VENUE – Hotel Yak and Yeti, Durbar Marg, Kathmandu 44600, Nepal. For more visit: <http://www.8arc2018.org/venue.php>

TECHNICAL SESSIONS – The conference will have 14 technical sessions with two plenaries, opening and closing sessions.

SYMPOSIUM – Five symposiums related to sub-themes will be hosted by USAID, IWMI, ICIMOD, ICEWaRM, FMIST and World Bank. Additionally, papers will be presented and discussions will be held on various aspects of the themes.

TRAINING – NENCID is also organizing a one-day training program for 25 young professionals working in irrigation sector to provide them an opportunity to engage, network and share experiences with the irrigation and drainage professionals during

the event. The training program to be held on 1 May 2018 will cover two key areas- Basin Plan and Micro-Irrigation for improved land and water productivity.

SPECIAL TOURS – During the conference, mountain flights will be arranged to experience the spectacular panorama of the Himalayas including the Mount Everest. A visit to Pokhara valley is planned at the end of the conference. The tour will also include a site visit to a traditional hill irrigation system managed by the farmers. Post-Conference technical tours will be organized from 5-7 May 2018.

The host National Committee (NENCID) website is now fully functional covering all aspects of the event including registration, hotel accommodation and program itinerary - at a glance. The second announcement can be downloaded from the official website.

In case, you have not yet registered please visit the link below and be a part of this important event in the Himalayan country.

For more info, please visit: <http://www.8arc2018.org/>



World Water Day: Use Nature to Restore Water Access

The United Nations and other international water organizations celebrated the 25th World Water Day on 22 March 2018. The event was a part of the 8th World Water Forum being held last month in Brazil. During the event, the UN released its annual World Water Development Report 2018 titled– 'Nature-Based Solutions for Water.' It seeks to inform policy and decision-makers, inside and outside the water community, about the potential of nature-based solutions (NbS) to address contemporary water management challenges across all sectors, and particularly regarding water for agriculture, sustainable cities,

disaster risk reduction and improving water quality.

The report stated that approximately 64 to 71 percent of natural wetlands have been lost since 1900 due to human activity. Inaccessibility to reliable irrigation and potable water is worse in Mexico, China, Southern Europe, central regions of the United States, parts of Australia, Western South America and Southern Africa, according to the report. It is projected to rise another 30 percent by 2050. The report is now available for free download @ www.unesco.org/water/wwap

UN is urging all organizations to use

nature to restore water accessibility as high rates of soil erosion are limiting the water cycle around the world, creating "higher evaporation rates, lower soil water storage and increased erosion." It also initiated the International Decade for Action on Water (2018-2028) to meet Sustainable Development Goal (SDG) 6: everyone has reliable access to safe water by 2030. It hopes that by 2020, 16 pilot cities will implement nature-based water saving measures, such as green roofs and walls, and permeable pavements to capture water and direct it into irrigation systems in order to reuse up to 70 percent of precipitation.



CWC Seminar: Nature for Water – Exploring Nature-based solutions to Water Challenges

On the occasion of World Water Day 2018, Central Water Commission (CWC) under the overall guidance of MoWR, RD & GR organized a seminar on the theme "Nature for Water – Exploring Nature-based solutions to Water Challenges" on 22 March 2018 at CWC Auditorium, New Delhi, India. The seminar was attended by officials of various central organizations namely, MoWR, NMCG, CGWB, NWD, CSMRS, IWP, Amity University, CMS Vatavaran, INTACH, EU Delegation to India, ICID, various academicians etc.

Various nature-based solution for water challenges was deliberated during the seminar. Er. A.C Tyagi, former ICID Secretary General set the scene with his keynote presentation and covered various aspects of water scarcity, water demand and how nature-based solutions such as wetlands can play a vital role in water management. He stressed the need for partnerships among the stakeholders so that multi-disciplinary solutions can emerge and to make decisions related to water based on scientific approach rather than human sentiments.

Hon'ble Union Minister of State for Water Resources Arjun Ram Meghwal was the chief guest during the plenary session. Mr. Meghwal addressed the audience with a poetic prose on



water which was highly appreciated. He emphasized that water resources in India need improved management requiring participatory approaches and gave several examples on traditional water management approaches. He stressed that survival challenge in 2070 would be due to a mismatch between demand and supply of water.

Speaking at the event H.E. Tomasz Kozlowski, EU Ambassador to India observed that while clean and sufficient water supplies were prerequisites for human health and economic development, water was becoming increasingly polluted and scarce. He noted that the India EU Water Partnership signed at Ministerial level in October 2016 had led to the development of joint action plan in nine priority areas encompassing policy dialogue; research, innovation and best

practices; and financing mechanisms for the development of the water sector.

Mr. U.P Singh, Secretary (WR, RD & GR) based on his experience in the renewable energy sector compared the energy crisis of 70's and 80's with the current water scenario and gave the example of the popularity of solar energy as a new source of energy. He prophesized that similar solutions could be found for water to address water scarcity.

Dr. Sahdev Singh, Director Knowledge Management, ICID gave a presentation on 'Water Accounting for Sustainable Agricultural Water Management'. The presentation emphasized on the need for water measurement and introduced the WA framework to the audience for better agricultural water management. He followed it with a list of tools available to implement water accounting at various spatial levels. Dr. Singh referred to the fact that though there are significant challenges in WA implementation, particularly data scarce situations that are common in many developing countries, institutionalizing the WA framework is the way forward for the benefit of all the water users.



Dr. Charlotte appointed new Vice Rector, Unesco-IHE



Vice President Prof. Charlotte de Fraiture, currently Head of the WSE Department and Professor of Hydraulic Eng. for Land & Water Development at IHE Delft has been named

the new Vice Rector of the Institute w.e.f 15 May 2018. Prof. Fraiture has over 20 years of international experience in the field of water management for agriculture. During the first five years of her career, she was involved in implementation and management of irrigation and rural development projects in Senegal and Nepal. She worked for the International Water Management Institute (IWMI) from 1996 to 2011 based in Colombia, Sri Lanka, Ghana and Burkina Faso. Prof. Fraiture was involved in several research projects related to watershed development, irrigation performance, irrigation management transfer and modeling of global water supply and demand, leading the development and application of the global water and food model. Since January 2012 she joined IHE Delft as professor of Land and Water Development. ICID fraternity congratulate VP Charlotte on her appointment as the new Vice Rector of Unesco-IHE

Empowering women in water sector



Every year International Women's Day is celebrated on 8 March. The day celebrates and recognizes the extraordinary feats of women and as a united force to advance gender equality around the world. In the water sector, adoption of Sustainable Development Goals (SDGs) led world leaders to place gender equality and women empowerment at the heart of the 2030 Agenda (SDG 5: Achieve gender equality and empower all women and girls).

This year the theme "Time is Now: Rural and urban activists transforming women's lives" emphasized on the rights and activism of rural women, who make up over a quarter of the world population. Majority of the 43 percent of women are in the global agricultural labour force but unfortunately, they are being left behind in every measure of development.

UNESCO has been working in all of its

domains to promote gender equality and women's rights and empowerment. In line with the theme, various events were organized at UNESCO headquarters including an exhibition on "Rural Women" and an installation entitled "On Air with Rural Women" built around audio, digital and art pieces.

For the water community, Global Water Partnership (GWP) network together with Stockholm International Water Institute (SIWI) translated the theme to "Time is now for equality in water access and management!" and followed it up by asking women in the GWP network "How can activism empower women in the water sector?" They answered questions and shared their thoughts and experiences as women in the water sector and referred to the fact that empowering women in water today is actively safeguarding the resource, guaranteeing its availability and quality for all future generations tomorrow. Globally, women want the life-critical resource to be secure, valuable and stable which translates to its sustainable development.

Live recording can be accessed @ <https://www.facebook.com/globalwaterpartnership/videos/1652734061430879/>



Water Digest Conclave: Restoring Water, Restoring Nature

In a sustained effort to raise awareness and encourage action around water and its related issues, Water Digest organized a one-day conclave on "Restoring Water, Restoring Nature" on 20 March, 2018 in New Delhi, India. The idea was to bring together policy and decision makers, as well as representatives from private organizations onto a common platform to discuss the repercussions of human activities on nature, its subsequent effect on water as well as the measures to mitigate the same. The theme was in tandem with the UN's theme for World Water Day- 'Nature for Water'.

The conference witnessed participation from industry, government, development agencies, academics, water governance and management institutions, including

government institutions at local, regional and national levels. It was supported by the Ministry of Water Resources, River Development and Ganga Rejuvenation, Government of India, UNESCO and the National Mission for Clean Ganga.

The inaugural session started with a welcome address by Ms. Anupama Madhok, Director & Publisher, Water Digest and a keynote address by Mr. Rajiv Mishra, Director General, National Mission for Clean Ganga, Government of India (GoI).

Er. Harish Varma, Executive Director, ICID participated as a panelist in the session "Har Khet Ko Pani- An inspiration for Improved Water Use Efficiency". The session aimed to create awareness about the various programmes/policies

planned at the government level and the latest technologies and best practices available to the private industry players for enhancing irrigation water use efficiency in India. Er. Varma gave a presentation on "Improving WUE- Concept and Approach" and emphasized the importance of WUE in providing water to every field. He stated that we should access WUE for existing projects and identify solutions on evidence-based approach. Such a platform will be useful to evolve appropriate medium and long-term strategies in the food sector.

The panel discussion on "The Role of Circular Economy in Efficient Water and Wastewater Management" helped the stakeholders to discuss various technologies and case studies for wastewater treatment and management,

which in turn can help various municipalities/PHEDs in efficient wastewater management and give a thrust to the economy.

The third plenary session 'A Step Towards Clean Ganga' focused to create a platform to discuss and showcase the best concepts of water conservation and

water management. Namami Gange is an ambitious project which integrates efforts to clean and protect River Ganga in a comprehensive manner and to create an action plan for future growth and sustainability.

With such a varied range of participants, the conclave aimed to get an all-round

and in-depth view of the situation so that further policies and efforts can be made in the right direction, with proper thought behind it. Multi-stakeholder partnership is the way forward when it comes to creating impactful, reliable and sustainable solutions to the problems that our water resources are experiencing today.



ICID Young Professional e-Forum (IYPeF)

To encourage and intensify the active participation of Young Professionals in ICID activities in the domain of irrigation, drainage and flood management, the ICID Young Professional E-forum (IYPeF) has taken the lead to organize a series of planned e-discussions and webinars during the period Jan-July 2018 as per their mandate.

3rd e-Discussion: Policy Options for Enhancing Food security

Continuing the series of e-discussions, the third e-discussion was successfully held from 15-31 March 2018 on the topic "Policy Options for Enhancing Food Security" led by ICID Central Office on behalf of Ms. Adey Mersha as discussion coordinator. The e-discussion aimed to take into consideration the following objectives and questions: (a) Bring all young professionals to the same understanding of the concept of

'Food Security' (b) Explore the missing options/policies in achieving 'Food Security' (c) Explore "out of the box" issues for achieving the sustainable 'Food Security' (d) Can Social Engineering i.e. manage social changes and regulate the future development and behaviour of a society, play a role in 'Food Security'? (e) Is governance an issue? ; and (f) Discuss how irrigation and drainage policies are related to the other policies for enhancing Food Security?

The e-discussion supported and

facilitated knowledge and information exchange amongst the young professionals on what constitutes "food security" and the various dimensions to it i.e., availability, accessibility and adequacy. It further explored the factors challenging food security and policy measures to address it. VPH Hafied Gany from Working Group on Irrigation Development and Management (WG-IDM) was the mentor for the e-discussion. Young professionals actively participated in the discussion and expressed their views on various aspects of the topic.

IYPeF E-discussions Schedule — January to May 2018

No	Topic	IYPeF Coordinator	Schedule
1	The use of Groundwater for Sustainable Agriculture	Ms. Eman Ragab	15 January 2018
2	On-farm efficiency for small scale farming	Mr. Rafat Nael	15 February 2018
3	Policy Options for Enhancing Food Security	Ms. Adey Mersha	15 March 2018
4	Climate Change Impacts on Irrigation & Drainage	Mr. M. Shoaib Saboory	15 April 2018
5	Farmer led Innovation for water efficiency, shared global success stories	Ms. Kathleen Heuvel	15 May 2018

The detailed discussion can be accessed at <https://www.linkedin.com/groups/6990321>. The next e-discussion, the fourth in the series, is on "Climate Change Impacts on Irrigation & Drainage" scheduled from 15-30 April 2018 and will be led by Mr. M. Shoaib Saboory (Afghanistan) as discussion coordinator. YPs are requested to actively participate in these discussions and voice their views on the open online forum.

1st Webinar: Save Irrigation Water Using an Innovative Machine

The first webinar in the young professional series was held on 3 April 2018. Dr. Mohamed E. El-Hagarey, Researcher at Irrigation and Drainage unit, Desert Research Center (DRC), Egypt and a Young Professional WatSave Award winner (2016) gave the presentation on his innovative work "Save Irrigation Water Using the

Innovative Machine of Soil and Water Management for Rice Crop Cultivation (SWMR)". Dr. El-Hagarey is the Vice President of Halayb and the Shalateen research station and records patents in hydraulics devices, especially in fluid mechanics and irrigation sciences. He has contributed to many international and national scientific projects and

has several international publications to his credit.

The webinar opened with welcome remarks by Er. Harish Varma, Executive Director and a brief introduction of the speaker by Dr. Sahdev Singh, Director (KM). Ms. Katheel Heuvel, IYPeF lead coordinator praised the initiative taken

by the ICID central office to organize such webinars as it provides a platform for rich and insightful discussions and to disseminate the information among the international community.

Dr. El-Hagarey in his presentation highlighted that rice is the staple food of more than half the population of the world and uses about 40% of the world's irrigation water thereby occupying about 1/3rd of the cultivated area. The

objective of his innovative field work was to study rice cultivation under two transplanting methods: (1) Traditional method (WT) with surface irrigation (2) Modified innovative method (Wm) with furrow (bottom) irrigation. He elaborated on the innovative agricultural implement for field preparation just before rice transplanting takes place. The method uses furrow bottom designed by an innovative machine resulting in 47%

water saving besides saving nutrients (25%) from leaching as compared to the traditional method. The implement has demonstrated improved water use efficiency and water productivity as well as significant reduction in fertilizer application. ICID through its various programs and initiatives provides an excellent platform for such innovations to be recognized at an international level.

Forthcoming Webinar Schedule			
No	Topic	Speaker	Schedule
1	Save Irrigation Water Using the Innovative Machine of Soil and Water Management for Rice Crop Cultivation (SWMR)	Mr. Mohamed El Hagarey (Egypt)	3 April 2018
2	Geospatial Technologies for improved Irrigation and Drainage	Ms. Jyotsana Chuchra (India)	23 April 2018
3	Using System Rice Intensification to increase water productivity, in Nile Delta, Egypt	Dr. Arnulfo Gonzals & Ms. Sabah Khalifa	June 2018
4	Water use efficiency and water productivity, Experience from Afghanistan	Mr. Najum Udin	July 2018

News Buzz: ICID National Committees

PANCID (Pakistan)

Pakistan Engineering Congress celebrated the World Water Day on 31 March 2018 on the theme 'Nature for Water' at Mashhadi Hall, Pakistan Engineering Congress headquarter, Lahore. The event was chaired by Mr. Hammad Naqi Khan, Chief Executive Officer, WWF-Pakistan. Er. Tariq Rashid Wattoo, President, Pakistan Engineering Congress welcomed the participants and gave his opening remarks followed by a technical session wherein renowned authors presented six technical papers on various water related topics. The second technical session was chaired by Dr. Shahzad Alam, Chairman PCSIR wherein eight technical papers were presented followed by a question-answer session. Papers presented during the event will be compiled and published as a booklet and circulated as complimentary to concerned public/private sectors.

ENCID (Egypt)

VPH Mohamed Wahba has assumed charge as the new Chairman of Egyptian National Committee on Irrigation and Drainage (ENCID) w.e.f

1 April 2018. ENCID has been an active member of ICID since 1950 and has always been supportive of ICID's vision and mission. ICID looks forward to VPH Wahba's active nodal role towards participation of ENCID and its members in its activities. All NCs are requested to take note of the new contact details:

Dr. Mohamed Abd-El-Moneim Wahba
Chairman, Egyptian National Committee on Irrigation and Drainage (ENCID), Shore Protection Building Ministry of Water Resources and Irrigation, Fum Ismalia Canal, Shoubra El-Khima, Cairo
Tel : +20 2 4464626, +20 2 4464505
Fax : +20 2 4464504, Email : encid@link.net, mswahba@hotmail.com, mswahba@gmail.com, Website: http://www.encid.org.eg

Special thanks and sincere appreciation to outgoing VPH Dr. Mohamed Amer for his untiring support, guidance and cooperation to ENCID and ICID activities during his tenure.

INACID (Indonesia)

The forthcoming 3rd World Irrigation Forum (WIF3) & 70th IEC Meeting will be held from 1-7 September 2019 in Bali, Indonesia on the theme:

Development for water, food and nutrition security in a competitive environment. INACID website is now fully functional covering all aspects related to the event. All NCs are requested to take note of the new updates/information for future correspondences and visit the link below to get a glimpse of the conference program and other side/networking events.

For more info, kindly visit: www.icid2019.com; Contact: Ir. Adang Saf Ahmad, CES, President, INACID or Email: inacid.indonesia@gmail.com; adangsafa@yahoo.com.

IACID (Australia)

VPH Willem F. Vlotman, Australian National Committee (IACID) has intimated a change in his email address. The new email address is vlotmanwf@gmail.com. All NCs are requested to take note of the new email id for future correspondences.

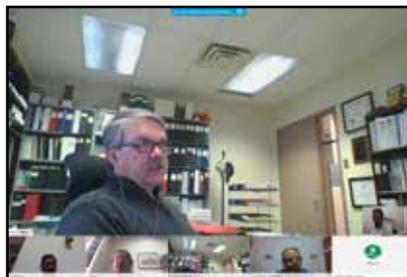
VPH Willem F. Vlotman, 2/21 Gordon Withnall Cr., Dunlop, ACT 2615, Australia
Email: vlotmanwf@gmail.com, Mob: 0452441424, Tel: +61 (0)2 62592424



Virtual Meetings

1st PFC Meeting

The first (01/2018) virtual meeting of the Permanent Finance Committee (PFC) was held on 2 April 2018 as per the approval of the 38th meeting of PFC on 9 October 2017 at Mexico City, Mexico.



VPH Dr. Laurie Tollefson (Canada) chaired the meeting and was attended by VP Dr. Irene Bondarik (Russia) and Secretary General Pandya as Member Secretary. The meeting aimed to discuss the latest status and revised annual membership subscription of

the National Committees for 2018. Members from other NCs were invited to present their views with regard to identification/reconciliation of irrigated or drained areas and membership subscriptions. Additionally, PFC also discussed specific cases related to some NCs and provided guidance on how to work out revised annual subscription.

2nd SC-E-THEMES Meeting

The second (02/2018) virtual meeting of the Sub-Committee on Themes, Topics and Work Plans of future ICID Events (SC-E-THEMES) was held on 10 April 2018. The meeting was chaired by PH Dr. Gao Zhanyi and attended by VP Dr. Ding Kunlun; Mr. Franklin E. Dimick; VP Dr. Abdelhafid Debbarh; VP Mr. Ian W. Makin; VP Bong Hoon Lee; VP Waseem Nazir; Dr. A.K. Randev and Secretary General Pandya as Member Secretary. The objective was to take a final decision on the combined meeting of the Working Groups (WGs) under Strategy Theme



'On-Farm' for the 69th IEC meeting in Saskatoon, Saskatchewan, Canada from 12-17 August 2018. The meeting aimed to explore ways of combining the meetings of the workbodies with areas of common interest and draw guidelines for making the sessions technically richer and beneficial to the stakeholders. It was decided that a lot of on-line coordination prior to the annual meetings among the Chairs/members would be a prerequisite for successful combined meetings (workshop/seminar/panel discussion) at the time of IEC.



Liaison Committee Meeting – 71st Session, AARDO

The 71st Session of the Liaison Committee of African-Asian Rural Development Organization (AARDO) was held on 21 March 2018 at the conference hall of the AARDO Secretariat, New Delhi. The session was important in the sense as the new office bearers of Liaison Committee took over the charge of their respective offices. The Session began under the Chairmanship of Mr. V. Cheetoo, Deputy Head of Mission, High Commission of Mauritius, India and representative of the Hon'ble Chairman of the Liaison Committee.

The session was attended by 22 delegates from 18 member countries, namely, People's Republic of Bangladesh, Republic of China (Taiwan), Arab Republic of Egypt, Republic of Ghana, Republic of Kenya, Republic of Lebanon, Malaysia, Republic of Mauritius, Kingdom of Morocco, Republic of Namibia, Sultanate of Oman, Islamic Republic



of Pakistan, State of Palestine, Democratic Socialist Republic of Sri Lanka, Republic of the Sudan, Republic of Tunisia, Republic of Yemen and Republic of Zambia of the Liaison Committee.

In addition, delegate from the Embassy of Republic of Senegal and Executive Director from ICID, Er. Harish Varma attended the meeting as observers. His Excellency Er. Wassfi Hassan El-Sreihin, Secretary General, AARDO attended the meeting as Member Secretary. Er. Varma met the participating heads of member countries of ICID during the meeting

and apprised them about the ongoing activities of ICID. He discussed areas of mutual interest pertaining to technical support unit, capacity development and training for the young professionals. Besides, possible areas of cooperation with the non-member countries to bring them into ICID's fold were also explored.

The Liaison Committee reviewed the activities of the Organization, membership contribution and member relations for the period July-December 2017. The Committee also took note of the projected programmes of AARDO to be organized from January-June 2018. It decided to hold its next (72nd) Session on 16 August 2018 and accordingly approved the list of special invitees.

For more info, please visit: www.aardo.org



GSOP18 - Global Symposium on Soil Pollution

FAO will host a Global Symposium on Soil Pollution (GSOP18) at its headquarters in Rome, Italy from 2 – 4 May 2018. The Symposium, jointly organized by the Global Soil Partnership (GSP), the Intergovernmental Technical Panel on Soils (ITPS), the United Nations Environment Programme (UN Environment), the Basel, Rotterdam and Stockholm Conventions and the World Health Organization (WHO) is part of the implementation of the Voluntary Guidelines for Sustainable Soil Management and a direct contribution to the third UN Environment Assembly's resolution on managing soil pollution to achieve sustainable development.

The Symposium will be a scientific meeting with 800-1000 participants representing all regions of the world and will open with high level plenary addresses to present the policy context, the importance of soil pollution from various perspectives and the outcomes. Prominent guests and outstanding keynote presentations will be given by leading experts on the following main themes:

1. Soil pollution on agricultural fields and other land uses
2. The impact of soil pollution on food production and safety, the environment and overall human well-being
3. Remediation of polluted site
4. Global status of soil pollution

Global Soil Week (19-23 April) is held every year to discuss soil and land issues and promote policies for soil protection and sustainable development. The week also serves as a bridge to empower different actors to share their priorities for the SDG implementation and to exchange ideas between social decision-makers and scientists.

For more kindly visit: <http://www.fao.org/about/meetings/global-symposium-on-soil-pollution/en/>



Latest Water Editions

Wetlands at the Center of Nature-based Solutions

UNU-INWEH's new book 'Multi-functional Wetlands; Pollution Abatement and Other Ecological Services from Natural and Constructed Wetlands' provides a unique view on how planners and ecosystem managers can increase the value of wetlands as/for nature-based solutions (NbS). The chapters in the book illustrate the multi-functionality of wetland ecosystems for flood control, disaster risk reduction, habitat restoration, biodiversity conservation, and recreation. The cornerstone of the publication is the comprehensive global synthesis of case studies and examples of wetlands as NbS at different scales, sectors and geographic areas.

The target audience include the water practitioners involved in projects utilizing integrated watershed management approaches to pollution abatement, as well as researchers who are designing projects focused on this topic. WWDR 2018 also focuses on NbS, and this book is timely synthesis providing substantive input to that process.

Access the book @ <http://www.springer.com/gp/book/9783319674155#about>

Improving Water Security

The World Water Council in collaboration with Ministry of Water Resources of the People's Republic of China has launched a new evidence-based book titled "Global Water Security: Lessons Learnt and Long-Term Implications" to provide decision makers with solutions to implement water

security-oriented policies. This is the first book on water security that is both policy and practice-oriented and highlights how decisions made within the water sector affect energy and agricultural sectors, as well as the environment, and socio-economic development. It also includes a Policy Brief, which presents eight key recommendations to undertake to improve water security.

The book also includes case studies on cities, countries, and regions such as Australia, China, Singapore, Central Asia, Morocco, Southern Africa, France, Latin America, Brazil and California. Ten case studies present actual experiences of policy, management, development and governance decisions taken in implementing water security. In addition, it also discusses trade-offs, short and long-term implications, lessons learnt, and the way forward.

Events Corner

ICID Events

8th Asian Regional Conference, 2-4 May 2018, Kathmandu, Nepal. Contact: Mr. Bashu Dev Lohane, Secretary, Nepal National Committee, ICID (NENCID), Deputy Director General, Department of Irrigation; For more details- Email: lohanibasuu@yahoo.com, irrigation@wlink.com.np or visit website: <http://www.8arc2018.org/>

69th International Executive Council Meeting & International Conference, 12-17 August 2018, Saskatoon, Canada. For more details visit: <http://www.icid2018.org>; Brochure available at http://www.icid.org/brochure_69iecc.pdf

9th International Micro Irrigation Conference (IMIC), 16-18 January 2019, Aurangabad, Maharashtra, India. For more info contact: Mr. Anuj Kanwal, Member Secretary, Indian

National Committee on Surface Water (INCSW); Email: incswcwc@gov.in; Website: www.micro-irrigation2019.com

70th IEC Meeting & 3rd World Irrigation Forum (WIF3), 1-7 September 2019, Bali, Indonesia. Contact: Ir. Adang Saf Ahmad, CES, President, INACID; Email: inacid.indonesia@gmail.com; adangsafa@yahoo.com; Website: <http://www.icid2019.org>

71st IEC Meeting & 24th ICID Congress, 22-24 Sept. 2020, Sydney, Australia. Contact: Mr. Bryan Ward, Chief Executive Officer, Irrigation's Australia Limited (IAL) (Incorporating IACID), Email: bryan.ward@irrigation.org.au; info@irrigation.org.au or visit website: <http://www.icid2020.com.au>

Other Events

9th Global Forum on Urban Resilience and Adaptation, 26-28 April 2018, Bonn, Germany. For more details visit: <https://resilientcities2018.iclei.org/>

WMO Global Conference: Prosperity through Hydrological Services, 7-9 May 2018, Geneva, Switzerland. For more details visit: <http://hydroconference.wmo.int/en/>

World Conference on Marine Biodiversity, 13-16 May 2018, Palais des congrès de Montréal, Québec, Canada. For more details visit: <http://www.wcmb2018.org/>

14th International Conference on Monitoring, Modelling and Management of Water Pollution, 22-24 May 2018, Coruña, Spain. For more details visit: <http://www.wessex.ac.uk/conferences/2018/water-pollution-2018>

Irrigation Australia International Conference and Exhibition, 13-15 June 2018 in Sydney, Australia. For details, visit <http://iaice.com.au/conference>

Global Water Security for Agriculture and Natural Resources (GWSAN): An ASABE Global Initiative Conference, 3-6 October 2018, Hyderabad, India. For more details visit: <http://www.asabewater.org/>



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International Commission on Irrigation and Drainage (ICID)

48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India, Tel: 91-11-2611 5679, 91-11-2611 6837

E-mail: icid@icid.org; Website: <http://www.icid.org>; Facebook: <http://www.facebook.com/icidat>

Editorial Team: Dr. Sahdev Singh, Madhu Mohanan, Aditi Bhowmick; Layout: Keshav Dev Tanwar