



From Secretary General's Desk...

Dear Colleagues,

As this edition of News UPDATE meets your eyes, the water management community will be gathering in Stockholm for the World Water Week 2014 to deliberate upon the inextricable linkages between Energy and Water, both from quantity as well as quality perspective, providing multi-disciplinary insight into the issues and possible solutions.



From the present situation where irrigated agriculture currently accounts for more than two thirds of the total global water withdrawals, while power production, manufacturing and households together use the remaining one-third, we are likely to move to a scenario where agriculture will have to work with only one third to provide double the current food production. This challenge can be overcome only by increasing efficiency of water use in agriculture.

To address this issue, the world needs to invest in improving efficiency in agriculture water management and in green (e.g. natural) and grey (e.g. dams) infrastructure to store, move and treat water to adapt to changing climate. This will also help to develop physical and social resilience towards climate change impacts, the subject that we are scheduled to debate during the 22nd ICID Congress.

Dependence of pressurized irrigation on the availability of energy, the use of waste water for agriculture thereby saving energy in its purification are some of the many such linkages. Unintended consequences of energy development for

water, and vice versa, often have their roots in fragmented policies, e.g. energy subsidies in some parts of the world contribute to unsustainable groundwater overdraft through excessive pumping. ICID will need to address some of these issues in subsequent World Irrigation Forums and Congresses.

The new variety of seeds will also play a crucial role in our continuous fight against increasing water scarcity, hunger, and improving rural livelihoods and well-being. On behalf of the ICID community, I congratulate Dr. Sanjaya Rajaram for his continuous effort in developing new species of wheat and winning the World Food Prize for 2014. ICID pledges once again to continue to facilitate the mission of World Food Prize through better agriculture water management.

ICID has been encouraging the technologies and management techniques to save water in agriculture applications and recognizing them by conferring yearly WatSave Awards. I congratulate Mr. Jeff Shaw (USA), Dr. Yosri Atta (Egypt) for bagging this year's WatSave Award for Technology and Management respectively.

The Working Group on On-Farm Irrigation Systems has performed very well during the period 2011-14 and has been adjudged the Best Performing Workbody. Our hosts, the Korean National Committee on Irrigation and Drainage (KCID), have been adjudged the Best Performing National Committee for the period 2011-14. Congratulations to all those behind the excellent performance by WG-ON-FARM and KCID.

The preparations for the Congress are on track and now we have the two pre-congress volumes already available online at <http://www.icid.org/22cong_abst_vol.zip> for your use. Based on the Scope of the Congress questions, the General Reports from Rapporteurs

and the Abstracts of all the 228 papers and posters included therein, you can judiciously plan your participation in the sessions. Participants are requested to keep a watch on the likely changes in various meetings related to the IEC by closely following the Programme, the latest version being made available inside.

Let me remind those who might not have got the time to go through the Consolidated Detailed Agenda <www.icid.org/agenda.html> as yet that like the last year, President has convened a short plenary session of the 65th IEC on 16th September, before the start of the workbody meetings on the 17th September.

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 Annual Report 2013-14 <www.icid.org/ar_e_2013.pdf> that largely provides a detailed overview of the activities carried out since the 64th IEC, forms an important part of the Action Taken Report that you might like to keep handy.

The agenda are also updated as and where required, therefore, please be sure to use the latest version of the agenda documents. More details on the management of the documents during the meetings are given inside.

Looking forward to see you in Gwangju!!

With best regards,

Avinash C Tyagi
Secretary General

CONGRATULATIONS!!

WatSave Awards 2014

ICID presents every year the Annual WatSave Awards in recognition of the outstanding contribution to water conservation or water saving and thereby creating the culture of water savings for the benefit of all water-users. WatSave Awards are made in respect of actual realised savings and not for promising research results, plans and/ or good ideas/ intentions to save water. The WatSave Awards 2014 winners are -

- **Mr. Jeff Shaw (USA)** selected for Technology Award for his work on "Computerized and automated pressurized irrigation and water supply delivery system for the South San Joaquin Irrigation District"
- **Dr. Yosri I. Atta (Egypt)** selected for Management Award for his work on "Furrow design and maize crop planting technique"

Best Performing National Committee Award (BPNCA)

BPNCA is presented at every triennial Congress for the work carried out by the National

Committee during the last 3-years period. The Korean National Committee on Irrigation and Drainage (KCID) has won the 5th BPNCA based on its last 3-years performance.

Best Performing Workbody Award (BPWA)

BPWA is presented triennially at the time of Congress and this year, Working Group on On-Farm Irrigation Systems (WG-ON-FARM) has won the 4th BPWA for its outstanding contribution towards the mandate and mission of ICID.



22nd ICID Congress and 65th IEC Meeting

14-20 September 2014, Kimdaejung Convention Centre
Gwangju Metropolitan City, Republic of Korea

Congress Updates –
18 Days to go for
22nd ICID Congress

22nd International Congress on Irrigation and Drainage and 65th International Executive Council meeting will be held during 14-20 September 2014 at Kimdaejung Convention Centre in Gwangju Metropolitan City, Republic of Korea, organized and hosted by Korean National Committee of ICID (KCID).

Congress Theme and two Questions, Special, Symposium Workshop

The main theme of the Congress is 'Securing Water for Food and Rural Community under Climate Change'. ICID Congresses concentrate on themes of global interest keeping in view and drainage systems and rural development as well as increasing food production will play a key role in achieving the rural water and food security, especially in the developing countries. Considering the impending climate change, intervention to mitigate the impacts of climate change and consequent extreme climate events, such as floods and drought, have to be factored in all decision making processes in the irrigation and drainage activities.

During the Congress, the two Questions i.e. Q. 58: How Irrigation and Drainage play an important role in Climate Change Adaptation?; Q. 59 : How do Irrigation and Drainage Interventions secure food production and livelihood for rural community?; Special Session : New Partnership for Rural Development and Symposium : Non-point Sources Pollution (NPS) and Best Management Practices (BMPs) will be discussed.

In addition to the above themes, an International Workshop titled 'Sustainable Management of Tidal Area in the Era of Climate Change (IW-SDTA)' will be held on 14 September 2014 (09:00-10:30 hrs and (11:00-12:30 hrs) during the Congress.

Central Office has received 228 full papers and posters from the Authors for discussion during the Congress.

Congress Transactions

In order to facilitate the discussions during the various Congress sessions, the pre-congress transactions have been prepared, which include general reports along with abstracts of all papers and posters in two volumes, both in English and French:

- **Volume I** – Containing the general reports together abstracts of all accepted papers/posters for Q.58/Q.59; and a USB containing all full length papers;
- **Volume II** – Containing the general reports together abstracts of all accepted papers/posters for Special Session, Symposium and a Workshop.

The full length papers are presented in the electronic format (USB) and are available in English only. These Volumes and the USB will be made available to all registered delegates.

Registration – It's never late... registration is open till you register!

Registration is required in order to be admitted to the venue and for participation in the scientific program of the 22nd ICID Congress and 65th IEC Meeting. The registration will be confirmed upon receiving full payment. The online registration deadline is August 31, 2014. Please register at http://www.icid2014.org/registration/reg_1.asp?sMenu=reg1

If you have opted for paying registration fee upon arrival, please do so immediately on your arrival in Gwangju. Contact: Ms. Sue Cho, E-mail: <registration@icid2014.org>

The Opening Ceremony

The Opening Ceremony will be held at 15:30 hours on 14 September 2014 and will be followed by inauguration of the Exhibition. Dr. Lee Dong-phil, Minister of Agriculture, Food and Rural Affairs, Republic of Korea will inaugurate the Congress. The ceremony will be enriched by the presence of 7 other ministers from elsewhere in the world. The ceremony will be blessed with uniting of river waters from 6 major rivers around the world. Thereafter, in Opening Plenary, Mr. Jerry Lengoasa, Deputy Secretary General of WMO will deliver the prestigious N.D. Gulhati Memorial Lecture on "**Climate Variability and Change: Impacts on Water Availability**". Prof. Dr. T. Watanabe (Japan) and VP François BRELLE (France) will then present their General Reports of Question 58 and 59, respectively and will set the ball rolling for discussions on these two questions. Don't forget the gala Welcome Dinner at 19:00 hours on 14 September 2014.

Plenary IEC

Don't miss the Plenary Session of the 65th IEC meeting starting 09:00 hours on 16 September 2014 where President will welcome you and Secretary General will introduce the agenda and bring you up-to-date on various programmatic issues. As a new beginning this year, platform is being provided to the National Committees to share their experiences. Philippines and Italian National Committees will make their NC presentations and share the challenges they are facing along with their learnings. And how can you miss the presentation of ICID Awards WatSave, Best Paper,



http://www.icid.org/22cong_abst_vol.zip

Best Performing National Committee, Best Performing Workbody and Heritage Irrigation Structures (HIS). All this will happen. Be there!

Ministerial Meeting

The ministerial meeting will be held from 14th to 16th September 2014 during 22nd ICID Congress at Gwangju, Korea. Eight countries are expected to be invited for the ministerial level meeting. The invited countries are Russia, Mongolia, Myanmar, Vietnam, Kazakhstan, Thailand, Philippine and Uganda who have close business relations with KRC (Korea Rural Community Corporation). They will share their experience under the theme of 'New partnership for rural development'. The topics covered will be "New trends in international cooperation for rural development in the 21st Century", "Public Private Partnership (PPP) for rural development" and "Bilateral and multilateral cooperation for rural development" and related issues. This ministerial meeting will knit close relationship among invited countries and together with participants as well.

The Round Table Meeting

A Round Table meeting on 'Irrigated agriculture and development in developing countries' is being organized by the National Organizing Committee (NOC), on 14th and 16th September 2014 during 22nd ICID Congress at Gwangju, Korea. The purpose of the Round Table (RT) meeting is to provide developing countries with opportunities to discuss food security issues and to share their own experiences to overcome the challenges.

A total number of 25 participants have been invited from 18 developing countries such as Ethiopia, Tanzania, Ghana, Cote D'voire, Angola, Lao PDR, Myanmar, Thailand, Bangladesh, Philippines, India, DR Congo, Indonesia, Vietnam, Bolivia, Madagascar, Cambodia and Argentina. The National Organizing Committee is preparing technical tour and business matching program to

strengthen fellowships between Korea and invited countries.

Round Table 1 (Opening Session) on 'Governance of all rural development in developing countries' will be chaired by VP Prof. Tai-Chol Kim (Korea) and Mr. Ian W. Makin (UK) on 14 September 2014. Dr. Thierry Facon (FAO, Bangkok) will make background paper presentation. Round Table 2 & 3 (Parallel Sessions) on 'Agricultural water development and its effect on food production and rural development' and 'Process of comprehensive agricultural development project and cases of well-developed model on rural development' will be facilitated by Ir. Seong-gu Hong (Korea) and Dr. Sylvester Mpandeli (South Africa) and Ir. Tae-il Jang (Korea) and VP Dr. Basuki Hadimoeljono (Indonesia) on 16 September 2014, respectively. Round Table Panel Discussion for summary and wrap-up will be facilitated by Mr. Chun-Gyeong Yoon (Korea) and Dr. Thierry Facon (FAO). Presenters have been being invited from around 20 countries for RT. Please access http://www.icid2014.org/congress/cogress_6.asp?sMenu=cog6 for the program of the round table meeting during the Congress. Contact: Mr. Sun Ho Kim, E-mail: shkih@hanmail.net; 2014icid@gmail.com

YP - Training Workshops

Fifteen Young Professionals from around the world have been awarded ICID scholarships and to make their repertoire rich, two workshops will be organized. The first Training Workshop will be held during 09:00 to 12:30 hours on 19 September 2014 on 'Irrigation modernization: new perspective and new tools (MASSCOTE.2.0)' organized by FAO team led by Mr. Thierry Facon. The second workshop will be held during 13:30 to 17:00 hours on 19 September 2014 on 'Managing Irrigation with Fresh and Saline Water using the SALTMED Model as a management tool' by Centre for Ecology and Hydrology (CEH), Wallingford, UK

Side Events

The 'Side Event' will be held on 14th, 16th and 18th September 2014 during the 22nd

Congress. Side events are an opportunity for individuals or groups to bring together a range of stakeholders to focus on one's own specific area of interest in the format of their choice. Many Organizations/Institutions/Universities are scheduled to organize Side Events, such as, WALAMTARI (India), FAO, Yeongnam University, RRI (Smart Pipe), Jeonnam Res. Institute, KNCOLD, 7th WWF Secretariat, Konkuk University (AGBMP), KRC, MUS Group, Incheon University, RRI (SWG), INWEPF, KCID and KOAA. Contact: Dr. Young D Kim, Executive Secretary NOC, E-mail: [youngkim.g.kr@gmail.com](mailto:<youngkim.g.kr@gmail.com>)

Mobile APP Service for 22nd ICID Congress is available



Mobile APP Service for 22nd ICID Congress is now available for all the participants. The NOC strongly encourage downloading the mobile app to enhance your experience at 22nd ICID Congress. It provides up-to-date program, maps, general info, photos and alert. In addition, participants can make their own personalized schedules through it. The app is compatible with iPhones, iPads, iPod Touches and Android devices. Windows Phone 7 and Blackberry users can access the same information via our mobile site at <http://guidebook.com/guide/18156/>

To get the app, choose one of the methods below:

- Download 'ICID 2014' from the Apple App Store or the Android Marketplace
- Visit <http://guidebook.com/app/icid14/> from your phone's browser
- Scan the image next with your mobile phone (QR-Code reader required, e.g. 'Red Laser', 'Barcode Scanner')

Please visit to <http://www.icid2014.org/download/2014ICID%20-%20Guide%20for%20Mobile%20APP.pdf> for more information about Guide for Mobile APP

The Host City: Gwangju

The 22nd ICID Congress and 65th IEC Meetings are approaching fast. The host city Gwangju, has long been known for its tradition, customs, culture and arts. It is home to the Gwangju Biennale, held every two years to celebrate the worldwide artistic accomplishments by accommodating works of both Asian and contemporary Western art on the basis of the city's own illustrious cultural legacy and heritage.

Gwangju is also a leading industrial city in Korea, having achieved a cumulative total of over 10 billion dollars worth of export in the fields of optical science, automobiles, electronics, and so forth. One of the five main cities in the world with advanced optical technology- along with Germany, Russia, and Japan- Gwangju boasted its status as Korea's one and only cluster of the optical industry at the 2009 Gwangju World Optics Expo. For more useful information about Gwangju, please go to official homepage of congress via http://www.icid2014.org/general/general_3.asp?sMenu=gen3.

Programme

Please download the detailed programme of 22nd ICID Congress and 65th IEC, which is available at http://www.icid2014.org/congress/cogress_1.asp?sMenu=cog1

Contact coordinates: 22nd ICID Congress Secretariat: Dr. Young D. Kim and Mr. Hun Sun Lee, 2nd Floor BH B/D 902-5 Bangbae-Dong, Seocho-Gu, Seoul 137-060, Republic of Korea. Tel.: +82-2-6288-6300, Fax: +82-2-6288-6399, E-mail: icid2014@icid2014.org and Website: <http://www.icid2014.org>

Congress Coordinator: Dr. Vijay K. Labhsetwar, Director, International Commission on Irrigation and Drainage (ICID), Central Office: 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India. Tel: +91 11 26115679, +91 11 26116837, E-mail: icid@icid.org, Website <http://www.icid.org>

World Food Prize 2014

The eminent plant scientist Dr. Sanjaya Rajaram, born in India and a citizen of Mexico, will be honored as the 2014 World Food Prize Laureate for his scientific research that led



to a prodigious increase in world wheat production building upon the successes of the Green Revolution. His breakthrough

breeding technologies have had a far-reaching and significant impact in providing more nutritious food around the globe and alleviating world hunger. Dr. Rajaram developed an astounding 480 wheat varieties that have been released in 51 countries on six continents and have been widely adopted by small- and large-scale farmers alike.

With higher protein content than both maize and rice, wheat is the main source of vegetable protein in the human diet and is an important source of fiber and carbohydrates and contains various vitamins, minerals and fats. Wheat plays

an important role in diets across the globe because of its adaptability. In any given month, wheat is being harvested somewhere in the world. Wheat is grown on over 240 million hectares worldwide, which is more land area than any other crop. China and India are the two largest producers of wheat. It plays a fundamental role in food security, and a major challenge is to meet the additional requirements with new cultivars and improved cropping technologies. Wheat is a primary source of calories and protein for 4.5 billion people in more than 100 countries.

Water Operators' Partnerships and Financing for Non-revenue Water Management

Mr. Sulton Rahimov (right), First Deputy Minister of Land Reclamation and Water Resources of the Republic of Tajikistan, and Mr. Alimurod Tagoymurudov (left), General Director, State Unitary Enterprise "Khojagii Manziliyu Kommunalii" giving their opening statements

A three day Regional Workshop on 'Capacity Development, Water Operators' partnerships and Financing for Non-revenue Water Management' was organized by the Global Water Operators' Partnership Alliance (GWOPA)/UN-Habitat, the UN-Water Decade Programme on Capacity Development (UNW-DPC), the State Unitary Enterprise 'Khojagii Manziliyu Kommunalii' and the Ministry of Energy and Water Resources of the Republic of Tajikistan on 7-9 July 2014 at Dushanbe Plaza, Dushanbe, Republic of Tajikistan.

More than 27 participants, including representatives from utilities and water sector administrations from the Central Asia, Middle East and South Asia regions, as well as financial and development institutions in the region attended the workshop. The participants from Armenia, Georgia, Iran, Kazakhstan, Kyrgyzstan, Pakistan and Tajikistan as well as the European

Bank for Reconstruction and Development (EBRD), the Organization for Security and Co-operation in Europe (OSCE), the United Nations Economic Commission for Europe (UNECE), the United Nations Educational, Scientific and Cultural Organization (UNESCO), the United Nations Development Programme (UNDP), Water links and the World Bank (WB) also attended the workshop.

The workshop aimed at sharing knowledge and experiences on Non-revenue Water (NRW) management and water loss reduction in water supply operations in the region. The common key challenges were identified and included in the country reports, such as,

- (a) High or not well known levels of NRW;
- (b) Lack of a water balance as a basis for NRW management;
- (c) Degraded water supply infrastructure and lack of metering;
- (d) Need for human and technical capacity at different levels of the utilities, as well as financing;
- (e) Poor payment morale and/or large number of illegal users; and



- (f) Lack of political backing for the enforcement of tariffs payment or institutional frameworks.

The workshop discussed about the implementation of NRW management programs and capacity needs in participating countries, and assessed the opportunity for Water Operators Partnerships (WOPs) to support such programs.

Please access <http://www.unwater.unu.edu/file/download/830.pdf> Summary Report of the workshop.

ENCID Celebrating 65th Foundation Day of ICID

The Egyptian National Committee on Irrigation and Drainage (ENCID) celebrated the 65th Foundation Day of ICID on 24th June 2014 at Cairo, Egypt. VPH Prof. Dr. Mohamed Hassan Amer, Chairman of ENCID opened the meeting and welcomed the participants. VPH Dr. Amer made his presentation on activities of the 'International Commission on Irrigation and Drainage (ICID)'. VPH Dr. Hussein El-Atfy, who was the second speaker and made his presentation on 'Cooperation between ICID and ENCID'. VPH El-Atfy informed about the ICID's initiative on water savings to encourage the countries to follow this strategy and be eligible for ICID's annual prize for the best research in saving water. VPH Prof. Dr. Samia El-Guindy made her presentation on 'Future Vision for Co-operation between ENCID and



ICID' through continuity of research work, such as adopting new visions and strategies, role of private sector, water economy and governance in irrigation and drainage. Dr. Mohamed Wahba, Secretary General of ENCID recalled 65 years of ENCID's contribution to ICID and

highlighted the importance of becoming the founding members of ICID. Presentations on 'Over View of the Agriculture Situation in Egypt' and 'ICID Mission for the Agriculture Sector' were made by Prof. Dr. Sayed Abdel Hafez and Prof. Dr. Zeinab El Behiery, respectively. During the closing of the event, a movie titled 'She Cultivates, She Irrigates' was screened highlighting the role of women in irrigation and drainage in Egypt. VPH Prof. Amer thanked the participants, representatives of various institutions for supporting and encouraging the activities of ENCID on the occasion of 65th Foundation Day of ICID. More than 50 participants attended the meeting, including representatives from Research Institutes; Universities, farmers' organizations and the concerned Ministries.

School on Soil and Water

Vice President Dr. Huseyin Gundogdu, participated as faculty talking about water, agriculture and food at the global scale and the role of ICID in this field in the second Summer School (SS) on Soil and Water, organised by Czech University of Life Sciences (CULS) Prague, Faculty of Agrobiological Sciences, Department of Water Resources (DWR), Czech Republic.



The 2nd Summer School "Soil and Water 2014" is one of the Summers Schools organised by the Euro League for Life Sciences (ELLS) a prestigious organisation of Universities of Life Sciences in Europe under the leadership of Prof. Dr. Svat MATULA, the head of the DWR at CULS Prague and a member of ICID. The participants were students from several countries (in alphabetic order: Czech Republic, Germany, India, Portugal and Turkey). The Summer School

was oriented towards advanced MSc and PhD students and postdocs. Following sub-themes were covered during the SS:

- (1) Soil as a porous complex system,
- (2) Principal physical processes within the soil-water-plant-atmosphere relationship,
- (3) Main rules governing the transport

processes in the vadoze zone and their environmental functions,

- (4) Importance of physical processes for protection of soil and water,
- (5) Determination of water content, soil water potential, hydraulic conductivity and other soil hydro-physical properties, and
- (6) The practical trainings in the laboratory and field techniques, excursion

The SS organized in co-operation with International Agricultural Research and Training Centre (UTAEM), Menemen, Izmir, Turkish Republic and with participation of the EGE University, Izmir, Faculty of Agriculture, Dept. of Agricultural Structures and Irrigation, Turkey and BOKU University, was successfully held in UTAEM, Izmir - Menemen, from 11 August to 23 August, 2014.

Instant access to documents for 65th IEC meetings

The Agenda for all the pre-council meetings of 65th IEC can be directly accessed from our website <http://www.icid.org/agenda.html>. It is advisable to download the latest Agenda once again on 5th September, which you should use during the meetings. By that time the Supplementary Agenda items would have been incorporated, and omissions, if any, taken care of. While using the agenda please pay attention to the version date indicated in the header of the page. This will also help you get the latest updated agenda with supplementary agenda items already included.

In addition, the ICID Central Office has also created a DropBox account for IEC as "ICID-IEC" and to share files required to be referred to by the Chairs/Vice Chairs/Secretaries of the respective Workbodies (WBs) and Task Forces (TFs). The WB chairs are requested to submit their reports (draft minutes and summary reports of the key proposal) immediately after the meetings. In order to facilitate the process at the Gwangju meetings and provide instant access to all the meeting related information, ICID Central Office has uploaded all the meeting related information in the the '65th IEC Gwangju, 2014' sub folder created inside the Agenda folder.



The files listed in 'Summary Report of WGs' 'Supplementary Agenda Notes' can also be accessed through the DropBox share folder. Members can edit these uploaded files and it will be 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. Members can connect to this share folder directly from the link provided in the invitation e-mail message. In case you have not accepted the invitation sent by Mr. Madhu Mohanan, Program Officer, ICID, please take time to join this share folder by accepting the invitation. For clarifications, if any, please contact Mr. Madhu Mohanan, Programme Officer, ICID at <madhu@icid.org>.

World Water Monitoring Day

The World Water Monitoring Day is celebrated worldwide on 18 September every year. The event, which is jointly organized by the Water Environment Federation, International Water Association and coordinated by World Water Monitoring Challenge (WWMC), internationally. Its aim is to bring public awareness and involvement in protecting water resources around the world by empowering citizens to carry out basic monitoring of their local water bodies. It encourages people everywhere to test the quality of their waterways, share their findings, and protect our most precious resource. All the water quality data from around the world is collected in the WWMD database, which provides a unique snapshot of the state of the world's water. For more information, please visit: www.worldwatermonitoringday.org.

Together Towards a Secure Arab Water Future

The Third Arab Water Forum (AWF3) will be held during 9-11 December 2014 at Cairo, Egypt. The main Theme "Together Towards a Secure Arab Water Future" and Sub-Themes of the Forum are: (1) Integrated Water Resources Management: Achievements and Constraints; (2): Arab Countries Actions for Sustainable Development of Water Resources and Water Services; and (3): Arab Integration for Food Security under Water Scarcity.

The Arab Water Council (AWC) invites its members, partners and all water

Reducing Carbon Footprints of 65th IEC meetings



Efforts to mitigate the causes of climate change is a continuous process where all our activities have to go through critical scrutiny.

Continuing our tradition started in 63rd IEC in Adelaide in 2012 and to contribute to the global efforts towards reduction in greenhouse gases and to save trees, we seek your cooperation to reduce paper consumption at the 65th IEC meetings. We request you to please download the Annotated Agenda for various meetings from <<http://www.icid.org/agenda.html>> and use the electronic copy of the Agenda while preparing for the meetings. The reports of the Chairs of WGs and the Permanent Committees would also be made available electronically during the meeting. Please remind yourself to pack your Notebooks/iPads before boarding the flight to Gwangju.

Take advantage of Irrigation and Drainage Online



The ICID Journal Irrigation and Drainage is available online FREE via Wiley Online library for all ICID office bearers, work body chairs, members and National Committees.

Now available on the website is Volume 63.3 (Pages 273-418), July 2014. Click on <http://onlinelibrary.wiley.com/doi/10.1002/ird.v63.3/issuetoc> for direct access to the page with the papers in this issue of Irrigation and Drainage.

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

stakeholders and interested parties to share their own experience and knowledge with respect of the themes and sub-themes as well as the other activities of the Third Arab Water Forum (AWF3).

Please visit the link <http://www.arabwatercouncil.org/details-spotlight.php?id=28> for more information about the Forum.

UN-Water Best Practices Award

UN-Water has launched the 5th Edition of 'Water for Life' UN-Water Best Practices Award which will focus on the theme for World Water Day 2015 'Water and Sustainable Development'.

The purpose of the Award is to promote efforts to fulfil international commitments made on water and water-related issues by 2015 through recognition of outstanding best practices that can ensure the long-term sustainable management of water resources and contribute in the Millennium Development Goals (MDGs), Agenda 21 and the Johannesburg Plan of Implementation.

The prize is awarded yearly in two categories, one in 'best water management practices' and another one in 'best participatory, communication, awareness-raising and education practices'. The application deadline is 15 September 2014.

The 2015 edition focuses is on 'Water and Sustainable Development' in line with World Water Day 2015. The winners in each category will be announced during a special ceremony which will take place during the main celebrations of World Water Day 2015. For further information, please visit <http://www.un.org/waterforlifedecade/waterforlifeaward.html>

22nd ICID Congress and 65th IEC Meeting - Tentative Program as on 19 August 2014

Date /2014	13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep
Day / Hrs.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
All Day 08.30-18.00	Registration	Registration / Exhibition Symposium - I	Registration / Exhibition	Registration / Exhibition Plenary / IEC	Exhibition			
09.00-10.30		International Workshop - SDTA-I Round Table -1 (Opening)	Question 88.1 Question 89.1 Question 89.3	Plenary / IEC	ASRWG-I ERWG-I WG-YPF-I	WG-BIO-ENERGY TF-VE SE7(5th KAB)	PFC-I WG-DRG* TF-WWF-7 - II	PCTA YP-Training Workshop IEC
10.30-11.00			SC	Round Table - 2 & 3		Health Break		
11.00-12.30		Symposium - II International Workshop - SDTA-II Meeting with YPs (11:00-11:45 hrs) Meeting with GR/PEs (11:45-12:30 hrs) Side Event 1(Yeongnam Univ.)	Question 88.1 Question 89.1 Question 89.3 Special Session -I	Special Session -II	ASRWG-II ERWG-II WG-YPF-II	WG-DROUGHT-I WG-SDTA-I WG-CAFIIH SE7(5th KAB)	PFC-II C-PR&P-I WG-ENV-I SE8(MUS group) SE9(INWEPF)	PCTA YP-Training Workshop IEC
12.30-13.30					LUNCH BREAK			
13.30-15.00		Opening Ceremony Exhibition Opening Ceremony	Question 88.2 Question 89.2 Question 88.3	Round Table - Panel Discussion	WG-CLIMATE-I WG-POW-I WG-CROP-I	WG-CLIMATE-I WG-DROUGHT-II WG-SDTA-II	PCSO-I C-PR&P-II WG-ENV-II	PCTA YP-Training Workshop IEC
15.00-15.30			MT-JOUR	SE5(RR) SE6(KCOLD)		SE10(SWG-2) SE11(KCID)		
15.30-17.00		Opening Plenary N.D. Gulhati Memorial Lecture GR Presentation (Q.89) GR Presentation (Q. 89)	Question 88.2 Question 89.2 Question 88.3	Wrap-up of 22nd ICID Congress Question 88 Question 89 Congress Wrap-Up	WG-ON-FARM-II C-CONGR-II WG-M&R*/WG-IDM*	WG-CLIMATE-II WG-POW-I WG-IOA* SE12(KRC)	PCSO-II WG-IOA* SE13(SWG -1)	PCTA YP-Training Workshop Closing Ceremony MB-II
17.00-18.00	MB-I			Mtg. NCs - Office Bearers (Cocktail)	WG-CROP-II OBC Meeting			
18.00-19.00								
19.00-21.00		Welcome Dinner						Farewell Dinner

Themes

- Knowledge
- Basin
- Schemes
- On-Farm
- *Informal Meetings of WG under formation

Tours

- 3 Technical Tours
- 5 Tours for accompanying
- 3 Post-Congress tours

Other Activities

- Side Events/YP-Training WS
- Round Table
- International Workshop
- Staff Committee (SC)
- Management Board (MB)
- MT-JOUR

News from ICID National Committees

CANCID (Canada)

The host McGill Institute for Global Food Security will organize its 7th McGill Conference on Global Food Security during 28-29 October 2014 at Macdonald Campus, McGill University, Canada. The main theme of the Conference is "Food Security Beyond 2015". Please visit Conference website <http://www.mcgill.ca/globalfoodsecurity/conference/2014> for more information.

AFEID (France)

The International Conference on 'Water and Energy Interactions: Strategic Challenges to Territorial Development and Impacts on Food and Health' will be held from 29-31 October 2014 at Lyon, France. The objectives of the Conference are: (a) to reach out to international actors and decision-makers on strategic issues; (b) to shed light on strategic local projects and know-know, and to shed light on the failures which should be avoided; (c) to make the case for territorial development (and growth, competitiveness and attractiveness opportunities); (d) to improve scientific recognition, dissemination and use of communications; (e) to formalize the progresses made so far as regards policies and strategies related to water and energy issues; and (f) to exchange on technical and governance solutions / innovations.

The main topics of the Conference are:

- (i) Water and energy governance and local economies development;
- (ii) Water services energetic efficiency; and
- (iii) Innovations in water and energy.

For more information about the Conference, please visit: <http://www.preserving-the-flow.com/> for more information.

ENCID (Egypt)

New Secretary General

ICID fraternity extends its warm welcome to Dr. Mohamed Abd-El-Moneim Shehata Wahba (Egypt), General Director of Egyptian Shore Protection Authority, Ministry of Water Resources and Irrigation, Agricultural Drainage & Water Management Expert, who has become the Secretary General of Egyptian National Committee on Irrigation and Drainage (ENCID). The contact coordinates of Dr. Wahba are:

General Director of Egyptian Shore Protection Authority, Ministry of Water

Direct Membership of ICID

The International Commission on Irrigation and Drainage (ICID) had opened its doors to individuals, businesses and organizations/ institutions from countries that do not have a National Committee. They can now join ICID directly and receive the benefits of ICID membership. This new opportunity has great potential to enhance the working of ICID and hopefully will result in greater global exchanges of experiences and multidisciplinary innovations. Opening membership to such companies, institutions and individual, the 'Direct Membership' will widen the repertoire of knowledge and experiences within ICID and benefit all its stakeholders. The direct members would be able to receive: (i) Electronic version of the ICID Journal on Irrigation and Drainage, Annual Report, ICID News, and News Update free of cost, (ii) Extra copies of the ICID Journal on Irrigation and Drainage at concessional price based on the type of company or institution, (iii) Special discount on all ICID publications; (iv) Special advertisement rates in ICID publications and on website; and (v) Special exhibition rates and registration fees during ICID events. Many individuals, institutions and companies have become DIRECT MEMBERS of ICID and already reaping the benefits. For details of categories of Direct ICID Membership and procedure for application and subscription amount, etc., please access http://www.icid.org/dir_mem.html. Please contact Dr. Vijay K. Labhsetwar, Director, ICID at <icid@icid.org> for more information and/or clarifications, if any.

Resources and Irrigation, Agricultural Drainage & Water Management Expert, Secretary General of Egyptian National Committee on Irrigation & Drainage, Coastal Protection Building, Fum Ismailia Canal, Shoubra El-Kheima, Cairo, Egypt, Tel: +2 01003965239, Fax: +2 44464504, E-mail: mswahba@hotmail.com

TUCID (Turkey)

Mrs. Serpil Köylü Dalgin (Turkey) has taken over as the Secretary General of Turkish National Committee on Irrigation and Drainage (TUCID) and Chief Advisor of Foreign Relations of General Directorate of State Hydraulic Works (DSI). The contact coordinates of the Mrs. Serpil are:

Secretary General, Turkish National Committee on Irrigation and Drainage (TUCID), Chief Advisor of Foreign Relation Office of DSI, Devlet Mahallesi İnönü Bulvarı No:16 06100, Çankaya / ANKARA, Turkey, Tel: +90 312 417 83 00 (Ext. 2035), Fax: +90 312 425 20 59, E-mail: serpil.koylu@dsi.gov.tr

ICID fraternity extends its warm welcome to Mrs. Serpil Köylü Dalgin and expresses its thanks to Mr. Adem Avni UNAL, former Head of Foreign Relations of DSI for his valuable contributions to ICID.

USCID (USA)

The U.S. National Committee on Irrigation and Drainage (USCID) will be organizing the Water Management Conference on 'Planning, Operation and Automation of Irrigation Delivery Systems' on 2-5 December 2014 at Phoenix, Arizona, USA. The detailed information related to the Conference is available at <http://www.uscid.org/14azconf.html>

Forthcoming Events

ICID Events

22nd ICID Congress and 65th IEC, 14-20 September, 2014, at Gwangju Metropolitan City, Republic of Korea. Congress Theme: Securing Water for Food and Rural Community under Climate Change. Contact coordinates: Dr. Young D. Kim and Ir. Hun Sun Lee, 2nd Floor BH B/D 902-5 Bangbae-Dong, Seocho-Gu, Seoul, 137-060, Republic of Korea. Tel: +82 2 6288 6300, +82-2- 6288-6399, E-mail: icid2014@icid2014.org, and <http://www.icid2014.org>

66th IEC and 26th European Regional Conference, 11-16 October 2015, Montpellier, France. Contact: Secrétaire Général, Association Française pour l'Etude des Irrigations et du Drainage (AFEID), 361 rue Jean-François Breton, BP 5095, F - 34196 - MONTPELLIER CEDEX 5, France. Tel: +33.4.67.04.63.16, E-mail: afeid@cemagref.fr, Website: <http://afeid.montpellier.cemagref.fr>

2nd World Irrigation Forum (WIF2) and 67th IEC, 2016, Chiang Mai, Thailand. Contact: Dr. Somkiat Prajamwong, Secretary General of THAICID, (Director of Project Management, Royal Irrigation Department), Thai National Committee on Irrigation and Drainage (THAICID), 811 Samsen Road, Thanon-NakornchaiSri Dusit Bangkok 10300, Thailand. Tel: +662 243 7883; Fax: +662 243 7883; E-mail: thaicid@hotmail.com; Website:<http://www.rid.go.th/Thaicid/>

Other Events

Water Loss Forum, 28-29 August, 2014 at Istanbul, Turkey. All information is available at <http://www.waterlossforum.org/en/>

BIT's 4th Annual World Congress of Agriculture-2014, Theme: Accelerating Agriculture Modernization 29-31 August 2014 at Changchun, China. All information is available at <http://www.bitcongress.com/WCA2014/#>

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE (ICID)

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