



### From Secretary General's Desk...

Dear Colleagues,

"Sustainable intensification of agriculture," using lesser water and energy for meeting the increasing demand for agriculture products has been at the centre of most of the efforts made by International Commission on Irrigation and Drainage through its National Committees, supported by activities of its various Working Groups, over the years. The Annual Report 2012-13 highlights the activities of the Commission in this direction while briefly reporting other activities as well. The Annual Report 2012-13 briefly describes what we did, and why we did it, where and how we spent our time and money during the year to move towards our mission. I am sure you will be able to get a glimpse of the accomplishments. You can download the Annual Report 2012-13 from <[http://www.icid.org/ar\\_e\\_2012.pdf](http://www.icid.org/ar_e_2012.pdf)>.

Let me admit to one important aspect that is lacking in this report. And that is, as to what impact did all these efforts make on the



ground? As our National Committees have their ears close to the ground, we expect they are in the best position to make such an assessment. With next Annual Report we should consider initiating a common effort to assess the impacts of our activities on the ground through your feedbacks. I therefore dedicate this Annual Report 2012-13 to your efforts to provide us the feedback as to what difference our combined efforts have been making on the ground in your country?

This week we will upload the detailed Agenda for the 64th IEC and its ancillary meetings from 1st to 5th October 2013 in Mardin, Turkey on our website. Some of the most important items that we need to address during the IEC, among others include: consideration of the report of the Special Committee under the chairmanship of PH Peter Lee to suggest changes in the Constitution and By-laws; report of the Task Team on Historical Irrigation Structures; and discussion on the proposed 'Mentorship Program' for the young professionals.

In addition, our Technical Working Groups will be carrying forward their respective mandates. I am sure the interaction with various stakeholders during the World Irrigation Forum will help the workbodies to move further towards result oriented strategies in their respective work areas.

Continuing our efforts to minimize the carbon footprints of our meetings, the IEC Agenda is being made available online only. You are advised to please download the Agenda and come prepared for a paperless meeting. That means you may like to bring your laptops with you. The printed Agenda (2 copies for each NC and one copy each to all Office Bearers and direct members) will be posted shortly for your records.

And lastly, about the newly introduced IEC Opening Plenary Session that President would like to initiate this year in Mardin. The members of the workbodies, Office Bearers, members of the National Committees, ICID Direct Members and observers from our partner International Organizations are invited to attend the Opening Plenary Session of the 64th IEC on 1st October 2013. Please see the program inside.

In order to avoid last minute rush and possible disappointment, I urge you to plan your trip at the earliest. I look forward to see you in Mardin.

Best wishes,

Avinash C Tyagi  
Secretary General



### Updates – 38 days left for First World Irrigation Forum (1st WIF)

ICID's mega event First World Irrigation Forum (1st WIF), together with **64th International Executive Council (IEC)** meeting will be held during 29 September – 5 October 2013 at Mardin, Turkey, organized and hosted by Turkish National Committee of ICID (TUCID) in partnership with FAO, IWMI, GWP, ADB, IFPRI, IFAD, WMO, UNESCO-IHE, World Bank, AWC, ICRISAT, ICARDA etc.

**Main Theme and Sub-themes:** The main theme of the 1st WIF is "Irrigation and Drainage in a Changing World: Challenges and Opportunities for Global Food Security" and three Sub-themes are: (1) Policy, Science and Society Interactions; (2) Challenges and Developments in Financing Irrigation and Drainage Sector and (3) Integrated Water Management Approaches for Sustainable Food Production.

Each sub-theme will open with a Plenary Session in which a Key note and Thematic background paper will be presented together with best paper/short communication of the sub-theme. More select papers (9) and Short Communications (9) will be presented in four parallel sessions thereafter.

**International Workshops:** To enrich the proceedings of the WIF, there will be three international workshops addressing the themes such as (a) Water Wisdom and Sustainability (WS-1), (b) Developing Management Strategies for Coping with Drought and Water Scarcity (WS-2) and (c) Management of Water, Crops and Soils under Climate Change (WS-3). A detailed information of the International Workshops are available at <http://www.worldirrigationforum.org/en/THEMES.html>

**Registration:** Hurry! Register now!! Don't wait for the last moment!!! 'Online Registration Form' (<http://www.dekon.com.tr/ICID2013/en/reg.asp>) and 'Manual Registration Form' ([http://www.worldirrigationforum.org/files/downloads/ICID2013\\_RegistrationForm.pdf](http://www.worldirrigationforum.org/files/downloads/ICID2013_RegistrationForm.pdf)) are available on the website. Please click <http://www.worldirrigationforum.org/en/REGISTRATION-INFORMATION.html> for more information on registration.

**Hotel Accommodation & Transfer:** Bilem Hotel is Fully booked. Vacancies are available at other hotels and therefore HURRY and book your hotel at the earliest. Pl click <http://www.worldirrigationforum.org/en/ACCOMMODATION---TRANSFER.html> for more information.

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**Exhibition and Sponsorship:** The International Exhibition of 1st WIF will be held from 29 September to 2nd October 2013 (from 9.00 am to 19.00 pm ) and will showcase some of the world's premier irrigation technologies, tools and innovations. It will be held in the picturesque surroundings of the historical city of Mardin, overlooking the great Mesopotamian plains, by the sides of the pools of Erdoba Hotel, offering a total of 1200 square meters of exhibition space. The exhibition will provide space for informal discussions, side events, and the latest in Irrigation and Drainage. Sponsorship Kit and Exhibition Manual is available at <http://www.worldirrigationforum.org/en/EXHIBITION---SPONSORSHIP.html> Please HURRY and book your space before the organizers run out of space!!!

**Programme:** A detailed 'Programme At a Glance' of 1st WIF and 64th IEC and Thematic Sessions, Roundtables and Panel Discussions, Side Events, Poster Sessions etc. are available at <http://www.worldirrigationforum.org/en/PROGRAMME.html>

**Side Events:** Many international organizations are schedule to organize Side Events related to the main theme of the Forum providing opportunity for giving a closer look at the issues such as modernization of irrigation systems, participatory irrigation management, filling knowledge gap in irrigation and various tools that have the potential to meet the challenges. WMO, IWMI, FAO, IFAD, JNC-ICID and many others will organize Side Events during the 1st WIF. Please click <http://www.worldirrigationforum.org/en/SIDE-EVENTS.html> for more information on Side Events.

**64th IEC:** The 64th International Executive Council (IEC) Meeting and its pre-council meetings will be held during 1st to 5 October 2013. For list of ICID Workbodies, please go to: <http://www.worldirrigationforum.org/en/64.-IEC-MEETING.html>. Like in Adelaide, we will once again make use of DROPBOX for sharing agenda/minutes and other documents. We will refresh you on 'How to use DROPBOX' later.

For many other details (visa, invitation letters, tours etc), please visit the Forum website <http://www.worldirrigationforum.org/en/>. 'DEKON Congress and Tourism' are the event managers and can be contacted at e-mail: [secretariat@icid2013.org](mailto:secretariat@icid2013.org) for any help and assistance what-so-ever. TUCID Secretariat can be contacted at e-mail: [icid2013@dsi.gov.tr](mailto:icid2013@dsi.gov.tr).

### Opening Plenary of 64<sup>th</sup> IEC Meeting

ICID mission is fulfilled mainly through the activities of various technical Working Groups and Task Teams that meet prior to the IEC meeting, where more than 200 volunteer scientists, academicians, engineers, managers and policy makers contribute their valuable time and share their knowledge. Most of these volunteers do not attend the mass IEC meeting where mostly the office bearers of the National Committees participate.

Through interactions with our partners and our NCs we gathered that there is a general sense that compilation and dissemination of knowledge on technical, economic social and management perspectives of irrigation and drainage are somehow missing from the outcomes of ICID Working Groups. As a consequence, the irrigation and drainage community at large is unable to benefit from the deliberations and work of our Working Groups.

The Opening Plenary of 64th IEC proposed to be held on 1st October 2013 from 1700-1830 hrs aims at improving communication with this potentially productive group, sharing with them the changing paradigm in the way ICID is adapting itself to the new challenges and, if possible, raise some common issues that need attention of all Working Groups.

The Opening Plenary will in no way effect the composition and powers of the Executive Council. Although, no decisions are expected to be taken during the plenary session of IEC, if the voting is required to be taken for any reasons, it will strictly be governed by Article 6 of ICID Constitution. The Agenda Items that will be taken up during the plenary session will be Item 1: Welcome and Opening Remarks by the President Dr. Gao Zhany and Item 2: An action taken report on the decisions taken during 63rd IEC by the Secretary General.

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

### International Conference Explores Water and Food Security in Dry Areas

In an effort to identify innovative approaches to improve water management while ensuring food security for smallholder farmers in the world's dry areas, international stakeholders gathered at the International Conference on Policies for Water and Food Security in Dry Areas held from 24-26 June 2013 at Cairo, Egypt. The conference was co-organized by ICARDA, FAO, IFAD, IDRC and Egypt's Agricultural Research Center.

Participants stressed the importance of: sharing innovative pilots through mechanisms that could be scaled up; and investing in science and technology, water infrastructure, and maintenance; in ways that are not dependent on

public funds. They highlighted the role of food insecurity and volatile agricultural systems as undermining political stability. Representatives from the International Water Management Institute (IWMI) cited the importance of social, cultural and political dimensions, in addition to biophysical factors and economics in the uptake of new innovations.

For more information, please visit at <http://water-l.iisd.org/news/international-conference-explores-water-and-food-security-in-dry-areas/>

### 'Direct Membership' of ICID

Individuals, businesses and organizations/institutions from countries that do not have a National Committee can now join ICID directly and receive the benefits of ICID membership. This new opportunity has

### Reducing Carbon Footprints



Continuing to contribute to the global efforts towards reduction in green house gases and to save trees, we seek your cooperation to reduce paper consumption at the 64<sup>th</sup> 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 during 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 Mardin.

Membership and procedure for application and subscription amount, etc., please access <[http://www.icid.org/dir\\_mem.html](http://www.icid.org/dir_mem.html)>. Alternately, you could contact Dr. S.A. Kulkarni, Executive Secretary, ICID at <[icid@icid.org](mailto:icid@icid.org)> and <[kulkarni@icid.org](mailto:kulkarni@icid.org)> for more information and/or clarifications, if any.

### Food Security Resolves to End Hunger in Africa by 2025

Within the context of the Comprehensive Africa Agriculture Development Programme (CAADP), African and International Leaders came together to give a push to Unified Approach to End Hunger in Africa in a meeting which took place from 29 June to 1st July 2013 at Addis Ababa, Ethiopia.

The meeting declaration commits countries to mobilize public and private institutions, strengthen inter-sectoral collaboration, increase private sector investment in agricultural development, complement work on productivity with social protection, and guarantee the right of access to land and water resources. In particular, the declaration promotes South-South cooperation, and approaches to link multiple stakeholders. In the declaration also resolved to end hunger in Africa by 2025.

For more information, please visit at <<http://africasd.iisd.org/news/high-level-meeting-on-food-security-resolves-to-end-hunger-in-africa-by-2025/>>

### Agricultural Water Storage in Africa

The Agricultural Water Storage is expected to contribute to climate change adaptation in Africa by mitigating climate variability. International Water Management Institute (IWMI)'s research report proposed a diagnostic tool for evaluating the need and effectiveness of water storage options, including aquifers, large reservoirs, natural wetlands, ponds, soil moisture and tanks.

The report titled "Agricultural Water Storage in an Era of Climate Change: Assessing Need and Effectiveness in Africa" outlined the results of applying this diagnostic tool

to sub-Saharan Africa, in particular the Ethiopian portion of the Nile and Ghana's Volta Basin.

The diagnostic framework considers the need and effectiveness of water storage options under current and future climate conditions using biophysical and demographic indicators. It illustrates that climate change will likely decrease the reliability and resilience of water storage options, although the effects vary across water storage types. The authors, Matthew McCartney, Lisa-Maria Rebelo, Stefanos Xenarios and Vladimir Smakhtin, stress the need for water storage planning and management to maximize complementarity of water storage options and ensure that financial investments in water storage contribute to mitigating climate change impacts.

For more information, please visit at <<http://water-l.iisd.org/news/iwmi-evaluates-agricultural-water-storage-in-africa/>>

### UN-Water Best Practices Award

UN-Water has just launched the 4<sup>th</sup> edition of 'Water for Life' UN-Water Best Practices Award which will focus on the theme for World Water Day 2014 "Water and Energy".

The purpose of the Award is to promote efforts to fulfill 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 to the achievement of internationally agreed goals and targets contained 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 2013.

The prize will be awarded at a special ceremony on World Water Day, 22 March 2014. For further information please visit <<http://www.un.org/waterforlifedecade/>>



**22<sup>nd</sup> ICID Congress on Irrigation and Drainage**  
14-20 September 2014  
Gwangju, Korea

How Irrigation and Drainage play an important role in Climate Change Adaptation? and How do Irrigation and Drainage Interventions secure food production and livelihood for rural community? are the two questions that will be raised at the 22<sup>nd</sup> International Congress on Irrigation and Drainage which will be hosted by the Korean National Committee on Irrigation and Drainage (KCID) during 14-20 September 2014, at Gwangju Metropolitan City, Republic of Korea. The theme of the Congress is "Securing Water for Food and Rural Community under Climate Change".

During the Congress, papers are presented and discussed for two Questions, a Special Session, a Symposium, and numerous workshops.

The topics for the two Questions are:

**Question 58:** How Irrigation and Drainage play an important role in Climate Change Adaptation?

- 58.1** Understanding Impacts of Climate Change on Land and Water Use
- 58.2** Revisiting Design and Operation Criteria for Irrigation and Drainage Facilities
- 58.3** Managing Frequent Floods and Droughts

**Question 59:** How do Irrigation and Drainage Interventions secure food production and livelihood for rural community?

- 59.1** Securing water and livelihood of rural community
- 59.2** Improving Irrigation Efficiency
- 59.3** Water Sharing and Water Transfer in Water Stressed Areas

**Special Session:** New partnership for Rural Development

**Symposium:** Non-point Sources Pollution (NPS) and Best Management Practices (BMPs)

For more information pl contact Ir. Hoon Sun Lee, Korean National Committee on Irrigation and Drainage (KCID), E-mail: [kcidkr@gmail.com](mailto:kcidkr@gmail.com), [kcid@ekr.or.kr](mailto:kcid@ekr.or.kr); and/or Congress Coordinator: Dr. Vijay K. Labhsetwar, Director, ICID, E-mail: [icid@icid.org](mailto:icid@icid.org); Congress website: <http://www.icid2014.org/>

## News from ICID National Committees

### CANCID (Canada)

#### Lifetime Achievement Award - 2013

The Canadian National Committee of ICID (CANCID) Lifetime Achievement Award was given to Mr. Brent Paterson (Canada). He is a very distinguished and long serving member of the Canadian National Committee of ICID. President Hon Dr. Chandra Madramootoo and VP



Laurie Tollefson presented the award in Saskatoon, Canada.

Many Hearty congratulations to Mr. Brent Paterson!

### CNCID (China)

Dr. Gao Zhanyi, President, ICID has a new e-mail ID. The new e-mail ID is <zhanyi\_gao@126.com>

### INCSW (India)

ICID fraternity extends its warm welcome to Mr. Bibhas Kumar (India), who has assumed the additional charge of the new Chairman of Central Water Commission (CWC) and Indian National Committee on Surface Water (INCSW) with effect from 1st August 2013. The contact coordinates of Mr. Bibhas Kumar are:

Chairman, Indian National Committee on Surface Water (INCSW)  
Chairman, Central Water Commission, Room No. 315 (S), Sewa Bhawan R.K. Puram, Sector-I  
New Delhi 110 066, India  
Tel: +91 11 2610 8855  
Fax: +91 11 2610 8614  
E-mail: cmanoff@nic.in

We thank Mr. Rajesh Kumar, former Chairman of CWC & INCSW for his active support and contributions to ICID during his tenure. We wish him quite but active and happy life post retirement!

### MANCID (Malaysia)

The new E-mail ID and Telephone numbers of President Hon. Shahrizaila Abdullah are <shahsham@gmail.com>; +60122017172 & +60322840434

### World Water Week 1-6 September 2013

The World Water Week is hosted and organized by the Stockholm International Water Institute (SIWI) and takes place each year in Stockholm. The World Water Week has been the annual focal point for the globe's water issues since 1991.

Each year the World Water Week addresses a particular theme to enable a deeper examination of a specific water-related topic. The theme for 2013 is "Water Cooperation - Building Partnerships"

The week will cover issues such as science and art of water cooperation, good water governance, cooperation with sustainable benefits, transboundary water cooperation and climate change adaptation and mitigation – promoting coherence. To view the programme and to register, please visit <www.worldwaterweek.org>

### NETHCID (The Netherlands)

#### NETHCID Poster Competition for YPs

It is heartening to note from the latest NETHCID News Update (July 2013) that NETHCID will be organizing a poster competition for Young Professionals in the Netherlands and the winner will be given a free ticket (together with other benefits) to First World Irrigation Forum (1st WIF) scheduled to be held from 29th September to 3rd October 2013 at Mardin, Turkey.

The NETHCID invites young professional to prepare a poster about their innovative ideas on theme – "Irrigation and Drainage in a Changing World – Challenges and Opportunities for Global Food Security", in particular how they can contribute to the mutual exchange of knowledge and ideas. Are knowledge institutes, governmental organizations and the commercial sector in the Netherlands alert enough to play a role in this global challenge? How do we grab the opportunities? How can others benefit of the Dutch knowledge and expertise that has been built up and used worldwide? How do we place the top sector Water and Food in the spotlight? Also the opposite is true: how the Netherlands benefit from knowledge and experiences from elsewhere? How can NETHCID contribute to this mutual exchange of knowledge and ideas?

NETHCID will give the young professional of the winning poster the opportunity to attend the 1st World Irrigation Forum. For more information, please visit their website at <http://icid.project-platforms.com/index.php/events/upcoming-events>

### Forthcoming Events

#### ICID Events

ICID's 1st World Irrigation Forum (WIF) and 64th IEC meeting, 29 September - 05 October 2013, Mardin, Turkey. Contact: Mrs. Serpil KOYLU, Turkish National Committee, ICID (TUCID), Delvet Mahallesi İnönü Bulvarı No. 16, 06100 Cankaya, Ankara, Turkey, Tel/ Fax :+ 90 312 425 4614, E-mail: tucid@dsi.gov.tr, serpil.koylu@dsi.gov.tr, Website: http://www.icid2013.org; www.worldirrigationforum.org

12th International Drainage Workshop (IDW), 23-26 June 2014, St. Petersburg, Russia. Contact: Ms. Irena G. Bondarik, Secretary General, National Committee of the Russian Federation on Irrigation and Drainage (RuCID), E-mail: ibond@online.ru, rusiptrid@mail.ru

22nd ICID Congress and 65th IEC, 14-20 September, 2014, at Gwangju Metropolitan City, Republic of Korea. Contact: Ir. Hun Sun Lee, Korean National Committee on Irrigation and Drainage (KCID), E-mail:

### 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. Special Issue 21st ICID Congress, Tehran, Iran: Water Productivity Towards Food Security, Volume 62.3, July 2013 is now available on the website. Click on <http://onlinelibrary.wiley.com/doi/10.1002/ird.v62.3/issuetoc> for direct access to the page for papers in this issue of Irrigation and Drainage.

kcidkr@gmail.com, kcid@ekr.or.kr, Website: http://www.icid2014.org

#### Other Events

2013 World Water Week, 1-6 September 2013, in Stockholm, Sweden. All information is available at http://www.worldwaterweek.org/

12th International Symposium on River Sedimentation (ISRS2013), 2-5 September 2013 at Kyoto, Japan. All information is available at <http://www.dpri.kyoto-u.ac.jp/~ISRS2013/default.html>

5th International Conference "Trends in Agricultural Engineering 2013", 3-6 September, 2013 at Prague, Czech Republic. All information is available at <http://www.conference.cz/tae2013/>

International Conference on Flood Resilience (ICFR) "Experiences in Asia and Europe", 5-7 September 2013 at Exeter, UK. All information is available at <http://icfr2013.ex.ac.uk/>

1st Inter-regional Conference on Land and Water Challenges entitled "Water, Environment and Agriculture: Challenges for Sustainable Development", 10-14 September 2013 at Bari, Italy. All information is available at <http://www.landandwater2013.iamb.it>

Six McGill Conference on Global Food Security titled "Strategies against Food Insecurity and Hunger", 8-9 October 2013 at McGill University, Montreal, Canada. All information is available at <http://www.mcgill.ca/globalfoodsecurity/>

2013 Budapest Water Summit, 8-11 October 2013 at Hungary. All information is available at <http://budapestwatersummit.hu/>

7th International Water Association (IWA) Specialist Conference on Efficient Use and Management of Water – "Water Efficiency Strategies for Difficult Times", 22-25 October 2013, Paris, France. All information is available at <http://www.iwaefficient.com/2013>

A USCID Water Management Conference titled 'The Agriculture / Urban Water Interface – Conflicts and Opportunities', 22-25 October 2013 at Denver, Colorado, USA. All information is available at <http://www.uscid.org/13cocall.html>

