



Evaluating PIM in the International Year of Cooperatives

From Secretary General's Desk

Dear Friends,

Today, the 16th October, is the World Food Day, coordinated by Food and Agriculture Organization of United Nations. This year the theme Agricultural cooperatives – key to feeding the world



has been chosen to highlight the role of cooperatives in improving food security and contributing to the eradication of hunger. Irrigation services play a vital role in fighting the climate vagaries, particularly droughts, help achieving food security, and from an important agriculture activity where cooperatives, can play a crucial role.

A cooperative starts when a group of people believe in themselves and get organized. From that spark, a fire starts. It has long been recognized that irrigation services can be better delivered to the farmer through their cooperatives, popularly called Water User Associations and the process that most of us are familiar is known as the Participatory Irrigation Management (PIM). This topic has been debated off and on within ICID forums and implemented in a number of countries. Let us all, in this "International Year of Cooperatives" (2012), benefitting from the debate, undertake an analysis on the successes and failures of PIM as of date.

The First World Irrigation Forum (WIF1) in September-October 2013 in Mardin, Turkey, will provide an excellent opportunity to evaluate the successes and failures of Participatory Irrigation Management and provide inputs to make required changes for its improved effectiveness.

Talking about World Irrigation Forum, let me provide an UPDATE on its preparation and assure you that with the enthusiastic willingness of TUCID, we are moving forward successfully, as per schedule. Various Committees to oversee different organizational and technical aspects of the Forum have been constituted, including the Steering Committee under the joint Chairmanship of President Dr Gao Zganyi and Dr Akif Özkaldi, Chair TUCID and an International Technical Advisory Committee under the chairmanship of PH Prof Bart Schultz.

As you would notice from the events reported in this issue, a number of our National Committees, along with their partners, are

engaged with their stakeholders on issues such as Irrigation Policy, Right of the River, Water-Energy-Food nexus and Irrigation under the changing Environment. It more than vindicates IEC's decision to open the membership of ICID. The Direct Membership Administering Committee, under the Chairmanship of VPH Dr S Nairizi, setup by IEC, has started working and hopefully, we will soon start welcoming direct members. Members of the Marketing Team are advising Central Office to develop a marketing strategy.

Follow up on many other decisions taken in Adelaide is also on course. The Expert Panel under the Chairmanship of PH Prof Chandra Madaramootoo, including experts from IWMI and FAO has been constituted to give concrete shape to our decision to initiate an Irrigation Achievement Award. And soon we will seek your support to widely publicize the award planned to be given during WIF 1. The Task Team to further elaborate our concept of giving recognition to historical irrigation infrastructure, under the Chairmanship of VP Dr Ragab Ragab has also been established. Another Task Team under the Chairmanship of VP Dr G Backeberg has started its deliberations on the issue of reorganization of ICID workbodies.

As I reported in this column in September issue of UPDATE, ICID is going through a change. Although change is a continuous process, most management gurus will vouch that the consolidation of change should be quick to obviate uncertainties. Considering this necessity, IEC had decided to quickly consolidate those changes in the form of revision of Constitution and By-laws. The Special Review Committee to consolidate various amendments to Constitution and By-Laws, under the Chairmanship of PH Dr Peter Lee has also started its work in the right earnest. In today's context, the evolutionary phrase "survival of the fittest" conveys that the species (read organizations) that have the best 'fit' with its environment will survive. And this exercise should be seen as an effort to survive and remain relevant.

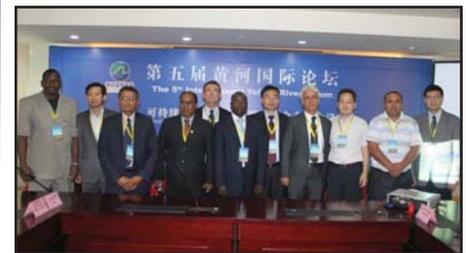
Lastly, with a heavy heart, I inform you that we have lost one of the most active members of ICID fraternity in the death of Dr Maria Elisa Venezian Scarscia, General Secretary of ITAL-ICID. I invite you to share the grief with our Italian colleagues and her family.

Best regards,

Avinash C. Tyagi
Secretary General

Ensuring Right of the River for Food Security

On 26 September 2012, ICID hosted a Sub-forum on 'Sustainable Water Resources Management and Food Security' with highlighting optimization of water allocation for agricultural production and increasing water efficiency and productivity at various scales. The one day sub-forum was part of the 5th International Yellow River Forum held on 24-28 September 2012 at Zhengzhou, China, under the overall theme "Ensuring Water Right of the River's Demand and Healthy River Basin Maintenance", organized by Yellow River Conservancy Commission.



The sub-forum was chaired by Dr. Hüseyin GÜNDOĞDU, Vice President of ICID. Mr. Li Guoying, Vice Minister, Ministry of Water Resources, China delivered the inaugural address in the sub-forum. Dr. Gao Zhanyi, President of ICID made a keynote speech on increasing water efficiency and productivity in agricultural production. Mr. Adama SANGARE, Vice President ICID made a presentation on Water and irrigation for food security in Africa. Mr. Wang Aiguo, Director General, Department of Irrigation and Drainage, MWR, and Chairman, Chinese National Committee on Irrigation and Drainage made a presentation on food security and irrigation development in China. Mr. Uttam Raj Timilsina, Deputy Director General, Department of Irrigation, Nepal made a presentation on irrigation development in Nepal. Prof. Dong Bin, Wuhan University, China, made a presentation on comprehensive technologies of high irrigation efficiency and productivity for paddy rice.

Panel Discussions were conducted with panelists from FAO, Bangladesh, Cambodia, Turkey, Uzbekistan and China. The Sub-forum highlighted the importance and experiences on irrigation development and water saving practices in Asia and Africa.

Water-Energy-Food nexus in a changing climate

An International Workshop on 'Understanding Water-Energy-GHS nexus for future water and food security' was held during 27-28 September 2012, jointly organized by Indian Society of Water Management (India) and The University of Melbourne (Australia) at New Delhi, India. Australia-India Institute was the sponsor of the workshop and Prof Hector Malano, representing the University of Melbourne discussed the Australian strategic alliances for pursuing collaborative research. On behalf of ICID, Dr. Vijay K Labhsetwar, Director, ICID presented a paper on "Actions for green economy through linkages between water, energy and food security"

World Water Council 6th General Assembly, Marseille, 18-19 November 2012

After a gap of six years, ICID is once again offering its services to serve the World Water Council as member of Board of Governors (2012-2015), under College 5: Professional associations and academic institutions, to further the global agenda on food security.

The 6th General Assembly of the World Water Council will be held during 18-19 November 2012. The General Assembly is a unique opportunity for all members of the World Water Council to directly influence the management and future orientation of their institution by discussing and voting on the internal policies and program. It is also on this occasion that the members of the Board of Governors are elected for a term of three years, the By-laws and the triennial budget is ratified, and the workplan for the next three years is adopted. Dr. Gao Zhanyi, President, ICID and Secretary General Er. Avinash C. Tyagi will attend the meeting.

For more information on sixth Gen assembly of WWC, please click <<http://www.worldwatercouncil.org/index.php?id=1469>>

Irrigation policy in a time of drought and high food prices

ICID.UK and the UEA Water Security Research Centre, with support from Natural Environment Research Council (NERC)



National Organizing Committee Meeting in Turkey

The First World Irrigation Forum (WIF), together with ICID's 64th International Executive Council (IEC) meeting will be held during 29 September – 05 October 2013, organized and hosted by Turkish National Committee on Irrigation and Drainage (TUCID).

The Kick-Off meeting of the 1st World Irrigation Forum (WIF-1) was held on 5 October 2012 at DSI in Istanbul. Almost all members of National Organizing Committee of WIF-1 actively participated in the meeting. The Vice Chairman of TUCID, Mr. Cuneyt Gerek; President of SUEN, Prof. Dr. A. Mete Saatçi and Dr. Hüseyin GÜNDOĞDU, Vice President, ICID were also present at the meeting. Vice Chairman Mr. Cuneyt Gerek delivered the opening address and Vice President Dr. Hüseyin GÜNDOĞDU informed the members about the progress achieved so far in organizing the WIF-1.

The objective of the Forum is to bring together all the stakeholders involved in irrigation and drainage of all types and at scales. It would include the policy makers, experts, researchers together with non-governmental members, farmers and many more. The draft programme together with the theme/ subthemes of the WIF-1 will be available on the website shortly. The steering committee, technical advisory committee and various organising committees have already been established and working actively to support the successful organisation of WIF-1. The meeting at Marseille will also provide an opportunity for President and SG to further discuss various organisational issues related to the WIF-1 with Mr. Cuneyt Gerek, Deputy Director General of



DSI, Chairman of National Organising Committee (WIF).

ICID invites all its traditional partners who have worked over the years with ICID and welcomes new partners to pursue their goals of food and water security together and in collaboration with ICID by joining the World Irrigation Forum.

With the mission to stimulate and promote the irrigation, drainage and flood management, ICID presently has a unique niche, being the only organization dealing with various facets of irrigation, drainage and flood management. Mardin, as the venue provides opportunity to see the region transformed by the famous GAP project together with historical monuments.

For details contact: **TUCID Secretariat:** Devlet Su İşleri Genel Müdürlüğü, Dış İlişkiler Müşavirliği, Devlet Mahallesi İnönü Bulvarı No:16, 06100 Yücepete Çankaya Ankara, Türkiye, Tel: +90-312-425-4614, Fax: +90-312-425-2059, E-mail: <icid2013@dsi.gov.tr>, Website: <<http://www.icid2013.org>> <<http://www.worldirrigationforum.org>>, and **WIF Coordinator:** Dr. Vijay K. Labhsetwar, Director, ICID, New Delhi, India. E-mail: icid@icid.org

will be organizing a Seminar on 'Irrigation policy in a time of drought and high food prices' on 9 November 2012 at ICE, One Great George Street, Westminster, London, SW1P 3AA. The main question that guides the seminar is 'In a time of climate change and food scarcity, can better irrigation policies reduce food vulnerabilities? The seminar will examine global and local irrigation policies in the context of drought and high food prices.

2012 droughts in the UK, the US and Indo-Gangetic Plain together with current high food prices provide the background to this seminar. We eagerly look forward to the outcomes of the seminar.

Contact for registration and more information: Mr. Tim Fuller (Tim.Fuller@ice.org.uk)

H.E. Mohammad Reza Attarzadeh, Chairman, IRNCID in New Delhi

H.E. Mr. Majid Namjoo, Minister of Energy of I.R. Iran and HE. Mr. Mohammad Reza Attarzadeh, Minister Advisor and Chairman of Iranian National Committee on Irrigation and Drainage (IRNCID) participated in 'International Conference on Energy Access' held during 9-10 October 2012 at New Delhi. Er. Avinash C. Tyagi, Secretary General, met H.E. Mr. Mohammad Reza Attarzadeh and discussed various topics of mutual interest. SG explained the new ICID initiative on 'Direct Membership' to individuals and companies beyond National Committees and the mega event first World Irrigation Forum (WIF) to be held in September-October 2013 at Mardin, Turkey. The issue of research, training and capacity building was also discussed. Honourable Attarzadeh offered the capacity of the Iranian International Research Program for Irrigation and Drainage (IRPID) to develop on-line courses which can be one of the modern ways of capacity development in irrigation and drainage.

Do you want ICID communications tools work better for you?

The success of any network depends largely on how different members, groups and members of committees communicate with each other and are kept informed of the activities to bring synergies in their actions. You have been reading ICID News, News Update and e-Bulletin and visiting our website on several occasions and you definitely want to get the most out of the time you invest in browsing them. You might as well be having certain opinion on how certain additions or deletions or modifications to these communication tools may work better for you.

The ICID News, News Update, e-Bulletin and the website are the major communication tools in ICID. We wish to assess as to how these tools are performing and their effectiveness in order to improve the communication where necessary to serve you better.

Through the ongoing online survey we would like to know your expectations, views, and suggestions as individuals on the performance and effectiveness of these tools. Please spare your precious minutes and complete this survey and be a partner in improving these tools further.

The survey is being carried out online through ICID website (<http://www.surveymonkey.com/s/V5VPL2N>) and ICID News Update/ ICID News: (<http://www.surveymonkey.com/s/BKCJPGN>)

Sustainable Irrigation 2012 – Call for Papers

The 4th International Conference on "Sustainable Irrigation and Drainage: Management, Technologies and Policies" will be held on 11-13 December 2012 at Adelaide, Australia. The objective of the conference is to generate debate and ideas about how to make irrigation more environmentally, socially and economically sustainable. The 2012 Sustainable Irrigation Conference provides a unique forum for multidisciplinary discussion.

The conference theme acknowledges that sustainability is not a fixed and clearly defined objective, rather it is a goal that is always changing as knowledge and biophysical realities alter. In that sense, moving towards sustainability is a journey with an ever evolving destination. Irrigation, as the biggest water user in most regions of the world, is facing significant challenges in balancing social, economic and environmental needs of water.

For more information, please visit at <<http://www.wessex.ac.uk/12-conferences/sustainable-irrigation-2012.html>>

Rainwater Harvesting for Agriculture in the Dry Areas

The publication on 'Rainwater Harvesting for Agriculture in the Dry Areas' authored by Dr. Theib Y. Oweis (Syria), Prof Dieter Prinz (Germany); Ahmed Y. Hachum (Iraq) has been just released.

Dry areas suffer not only from limited rainfall but also 'natural leakage' - 90% of rainwater is lost directly or indirectly, and is unavailable for agriculture or domestic use. Water harvesting is a low-cost, easy-to-use, environmentally-friendly way to recover a large part of this lost water.

How does water harvesting work? Which sites or areas are best suited and how can these areas be identified? How to design, build and maintain a water harvesting system tailored to local needs? How can water harvesting contribute to combating land degradation, enhancing food security and adapting to climate change? This book provides all the answers. Well, most of them. For more information, please visit at <<http://www.crcpress.com/product/isbn/9780415621144>>

Climate Change and Africa

Climate change will have serious and adverse consequences for many development sectors in Africa, and threatens the economies and livelihoods of many African countries. Future World Bank operations in West, East, and Southern Africa are likely to increase their focus

Obituary



It is with deep regrets that we inform the sad and untimely demise of Dr. Maria Elisa Venezian Scarascia (Italy), General Secretary of Comitato Nazionale Italiano ICID (ITAL-ICID) on 8th September 2012, at the age of 87.

Dr. Scarascia was very dedicated to ICID and was one of the pillars of the Working Group on Water and Crops (WG-CROP). From 1997 till recently she was member of the ICID Working Group on Water and Crops. Her kind personality and willingness to help and share her knowledge will greatly be missed.

Graduate from the Agricultural Science at the University of Perugia (1947), she was Director of the Agronomy Section of the Istituto Sperimentale Agronomico in Bari from 1974 to 1990. Her research enriched our knowledge on the soil-crop-atmosphere system with over 100 publications.

Dr. Scarascia has laid emphasis on international collaboration and in 1988 she started her activity within the International Commission on Irrigation and Drainage ICID. In 1995 she represented ICID at FAO meetings and contributed to the organization and implementation of several training events and research projects. She was member of the Permanent Committee for Technical Activities from year 1997 to 2000 and was the Secretary General of the National Committee- ITAL-ICID from 2000. From 2003 to 2005, she represented the ITAL-ICID in the International Executive Councils.

In 2007 she organized the ICID European Regional Conference held in Pavia-Italy. Her network of European collaborations led to the involvement of ITAL-ICID in the project GEWAMED, with the goal of mainstreaming gender dimensions into Integrated Water Resources Management to which all countries of the region are striving.

Her achievements and sustained efforts have been recognized with two prestigious awards: in December 1991 she has been awarded by the Presidency of the Council of Ministers the title of: "Commander of the Order of Merit of the Italian Republic" while in 1998 the University of Perugia granted her the title of "Scientist at the research centers of MIPAF and representative of Italy at international fora".

May her soul rest in peace!"

on assessing long-term water supply and reliability. Analytical work - focused on analyzing adaptation options through local institutions, and conducting vulnerability assessments with particular attention to migration, youth issues, and indigenous peoples - is already underway in some parts of West and East Africa. African countries should focus on investing in research and advisory services to develop and disseminate adaptation options, and scaling-up investments that build resiliency. Because of pervasive and widespread use, solid biomass (wood fuel, charcoal, and crop residue) will continue to be an important source of energy in Africa over the next 30 years, while biofuels will see some moderate increase.

While promoting low carbon growth in middle income countries (e.g., South Africa and Botswana), the World Bank's focus in other countries will be on expanding generation capacity and regional trade (through the East, West, and Southern Africa Power Pools), investing in geothermal (in East Africa), promoting gas flaring reduction (in West Africa), and supporting off-grid renewable energy in several other countries.

The national committees in Africa are invited to browse their website for more information: <<http://go.worldbank.org/PLPCPNBSW0>>

Irrigation in a Changing Environment

The South African National Committee on Irrigation and Drainage (SANCID) will be organizing the SANCID 2012 Symposium during 20-23 November 2012 at Alpine Heath Resort, Drakensberg, South Africa. The theme of the Symposium is 'Irrigation in a Changing Environment'. The Symposium has the following four sub-themes, besides a special session "Coping with change: Farmers' perspectives":

(i) Humans at the forefront of watershed management; (ii) Climate change and irrigation :Adaptation and resilience; (iii) Impact of irrigation on natural resources and ecology and impact of the natural environment on irrigation; and (iv) Design and management responses to economic challenges

For more information regarding the Symposium programme, please contact Michael van der Laan, Chairman of the Organizing Committee, E-mail: michael.vanderlaan@sugar.org.za; Tel: 076 793

3597 and for additional information regarding Symposium registration and accommodation, please contact Laique Smit, E-mail: congress@internext.co.za, Tel: (051) 436 8145.

Hearty welcome to Zimbabwe Committee on Irrigation and Drainage (ZwCID)

We take great pleasure in once again welcoming Zimbabwe Committee on Irrigation and Drainage (ZwCID) as an esteemed active member of ICID family. With Zimbabwe in ICID's fold, the number of active country members now stands at 58. Our warmest felicitations and hearty congratulations to members of the Zimbabwe Committee on Irrigation and Drainage for reviving the membership. We appreciate the hard efforts of Mr. Thebe, who was instrumental in reactivating the ZwCID. We invite the ZwCID to broadbase the Committee and nominate experts on various ICID Workbodies. The contact coordinates of Zimbabwe Committee on Irrigation and Drainage are :

Eng. Thubelihle A. Thebe, Secretary, Zimbabwe Committee on Irrigation and Drainage (ZwCID), Department of Irrigation, 10th Floor, Kaguvi Building, 4th St/Central Ave., Harare, Zimbabwe, E-mail: tathebe@gmail.com

Forthcoming Events

ICID Events

ICID's 1st World Irrigation Forum (WIF) and 64th IEC meeting, 29 September - 5 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>

12th International Drainage Workshop (IDW), 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: kcidkr@gmail.com, kcid@ekr.or.kr, Website: <http://www.icid2014.org>

Invitation for 'Direct Membership' of ICID

The International Commission on Irrigation and Drainage (ICID) opened its doors to private companies, institutions and individuals as Direct Members. Presently, professionals engaged in Irrigation and Drainage participate in ICID solely through the National Committees of their countries. 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 Membership of ICID has tremendous advantages to all stakeholders. By joining ICID, individuals, companies and institutions working or dealing with irrigation, drainage and flood-related issues would be part of an international platform which offers opportunities to exchange knowledge and experience with others and to establish partnerships; stay informed on recent irrigation, drainage and flood management news and events through Commission's publications; make their voice heard and contribute to improved understanding between stakeholders, while enabling new ideas on water policy; benefit from worldwide exposure of their organization's activities by using the Commission's communication tools and by participating in the Commission's activities; and influence policy makers to develop sound irrigation-related policies and give it higher priority in the political agenda. They would be able to:

- Receive electronic copy of the ICID Journal on Irrigation and Drainage, Annual Report, ICID News, and News Update free of cost,
- Receive copies of the ICID Journal on Irrigation and Drainage at concessional price based on the type of company or institution,
- Receive special discount on all ICID publications;
- Receive special advertisement rates in ICID publications and on website, etc.; and
- Receive special exhibition rates and registration fees during ICID events.

Terms of Direct Membership, Fee Structure and Entitlement of Direct Membership together with application forms are available at <http://www.icid.org/dir_mem.html>. Alternately, you could contact Dr. S.A. Kulkarni, Executive Secretary, ICID at icid@icid.org for more information and clarifications, if any.

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

48 Nyaya Marg, Chanakyapuri, New Delhi 110021, India, Tel: 91-11-2611 5679, 91-11-2611 6837, 91-11-2467 9532

Fax: 91-11-2611 5962; E-mail: icid@icid.org; Website: <http://www.icid.org>

Editor: Dr. V.K. Labhsetwar, Director; DTP: Keshav Dev Tanwar, Central Office