



# News Update

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

Established 1950

April 2009

From Secretary General's Desk...



Dear Friends,

You would be pleased to know that Forum 5 concluded in March was unique in a sense that 'Water for Food' got perhaps its deserving space and time. Details of significant role that ICID played during the 5<sup>th</sup> World Water Forum in Istanbul were posted in ICID website on our return. In particular, ICID played a major role as Coordinator in handling the Topic 3: Water and Food for ending poverty and hunger of Theme 2: Advancing

Human Development and the Millennium Development Goals (MDG). The outcome of the sessions under this topic was reported by President Madramootoo in the thematic 'wrap up', details of which are available in our website. I hope that you had a chance to peruse these documents. Elsewhere in this News Update, the wrap-up session details are also available for your quick reference. Our role for the forum has been acknowledged by Forum Organisers in an exclusive letter to our President and other lead contributors. I am grateful to all of you in ICID fraternity for making possible a significant ICID contribution with your tireless efforts.

In an exclusive arranged meeting of WWF President with ICID President and Secretary General, future collaborations and role of ICID came up. WWF 5 threw open an excellent opportunity for several of our office bearers and other colleagues present in Istanbul to network and interact; notable sessions organized by some, e.g., Global Water Partnership, Regional Sessions, sessions of Arab Water Council, Central Asia etc., were having a rich ICID participation.

As a member of TAC of World Water Development Report 3 which was released right at the outset of the Forum events, I was privileged to attend the meetings held by the World Water Assessment Programme of UNESCO; I hope that you had an opportunity to see the WWDR3 report that has aimed to bring out all the relevant aspects of water of the present day world in the report titled "Water in a changing world". Kindly visit the website <http://www.unesco.org/water/wwap/wwdr/> to obtain more details of the report or a download of the same.

The 23<sup>rd</sup> European Regional Conference will be held in Lviv from 17 till 24 May and UKRICID has geared up to arrange an impressive European Regional Conference. Please do mark this in your diary and enrich the proceedings with your valuable contributions.

ICID has now an exclusive web site for the 60 IEC and 5<sup>th</sup> ARC coming up in December in New Delhi. I am sure that many of you are aware of this already. Updated from time to time, this site will henceforth feed all relevant information of the upcoming Delhi 60<sup>th</sup> IEC events. The facilitation of online registration, submission of papers online is an interesting aspect. May I remind you that 2009 is ICID's Diamond Jubilee Year? Your visit to India for the 60<sup>th</sup> IEC will enable you to also visit the Central Office.

I look forward to receiving you in Delhi.

Best regards,

M. Gopalakrishnan  
Secretary General

## News from ICID National Committees

### Iran (IRNCID)

#### Annual Report 2008-09

The Iranian National Committee on Irrigation and Drainage (IRNCID) has been an active member of ICID since 1955. The objectives of IRNCID are to extend Science and technology on irrigation, drainage, water and soil, flood control, water protection and environment management in line with sustainable development. The achievements during the year 2008-09 are highlighted below:

- Five books in Persian language were published during the period.
- IRNCID Newsletter numbers 69 to 72 were issued and distributed among the members.
- Second Seminar on Improving and Rehabilitation of Surface Irrigation Systems (22 May, 2008); Fifth Workshop on Drainage and Environment (6 November, 2008); Fifth Workshop on Water Users Participation in the Management of Irrigation Systems (15 January, 2009) were organized by IRNCID.
- 40<sup>th</sup> IRNCID Anniversary : IRNCID Annual Meeting and its 40th anniversary were commemorated in the presence of His Excellency Mr. Attarzadeh, Deputy Minister of Energy for Water and Wastewater Affairs and Chairman of IRNCID High Council; Mr. S. Mahmoudi, Managing Director of IRAN Water Resources Management Company; High Council members; Executive Board; Working Groups, and representatives of Iranian Industrial authorities on 22 March 2008.
- Within the framework of Memorandum of Understanding (MoU), signed between IRNCID and the Indonesian National Committee of ICID (INACID), a group of 10 high-ranking Indonesian expert comprising managers, professors and senior experts in water sector headed by His Excellency, Dr. A. Hafied Gany, Vice president of INACID (also leader of the delegation) visited Iran from 26 May to 4 June 2008.'
- IRNCID together with the German National Committee of ICID (GECID) and the German Water History Association (DWhG) signed MoU

in 2007. Accordingly 18 German delegates visited (7-18 May 2009) ancient, historic hydraulic structures in some cities of IRAN : Tehran, Qom, Kashan, Isfahan, Yazd, and Shiraz.

- Under the MoU signed between IRNCID and INACID, a group of eight IRNCID delegates, were received by the Ministry of Public Works & INACID of Indonesia from 18 to 27 August 2008. The Iranian group headed by Mr. S. A. Assadollahi, Secretary General of IRNCID, visited technical structures in water resources & agricultural sectors in the provinces/cities of Jakarta, West Java, Bali and Palembang in Indonesia.

For more information, please contact : Dr. S.A. Assadollahi, Secretary General, IRNCID (E-mail : [irncid@gmail.com](mailto:irncid@gmail.com), [info@irncid.org](mailto:info@irncid.org), [IRNCID@neda.net.ir](mailto:IRNCID@neda.net.ir)).

### Japan (JNC-ICID)

Mr. Kunihiro Naitou has taken over as the new Secretary General of Japanese National Committee of ICID (JNC-ICID). The contact coordinates of Mr. Naitou are :

Secretary General, Japanese National Committee, ICID (JNC-ICID), Director, Overseas Land Improvement Cooperation Office, Rural Development Bureau, Ministry of Agriculture, Forestry and Fisheries, 1-2-1, Kasumigaseki, Chiyoda-Ku, Tokyo 100-8950, Japan. Tel : +81-3-3595-6339, Fax : +81-3-3592-148, E-mail : [jncid@nm.maff.go.jp](mailto:jncid@nm.maff.go.jp)

The ICID fraternity extends its warm welcome to Mr. Naitou and expresses its thanks to former Secretary General Mr. Mitsukuni Watanabe for his contributions to ICID. [Source : JNC-ICID]

### Pakistan (PANCID)

Pakistan National Committee of ICID (PANCID) informed of their new telephone and fax numbers as below :

Engr. Dr. I.B. Shaikh , VP, ICID and Chairman, PANCID : + 92 51 924 4600; +92 51 924 4603

Mr. Javeed Iqbal Bokhary, Secretary, PANCID : + 92 51 924 4623; +92 51 924 4603, Fax : + 9251 924461

## ICID Contributions to 5<sup>th</sup> World Water Forum

The 5<sup>th</sup> World Water Forum (WWF5) was held during 16-22 March 2009 at Istanbul, Turkey. The main theme of the Forum was: '*Bridging Divides for Water*'. There were a total of six Themes having about four topics in each. Under Theme 2: Advancing Human Development and the Millennium Development Goals (MDG), Topic 2.3: *Water and Food for Ending Poverty and Hunger* was coordinated by the International Commission of Irrigation and Drainage (ICID).

There were four sessions under Topic 2.3, which addressed the following key questions:

- 2.3.1 How to achieve the required food production to meet the growing demand?
- 2.3.2 How can food market measures boost rural development and poverty alleviation?
- 2.3.3 Water for bio-fuel or food?
- 2.3.4 How can better water management reduce poverty and hunger? A synthesis.

The session outcomes were organized into four categories:

- key issues;
- Recommendations;
- Commitments; and
- Initiatives.

A brief on the wrap up session which summed up each one of the above is brought out hereunder

### How can better water management reduce poverty and hunger? A synthesis

#### Key Issues

- How to reconcile agricultural and water policies to avoid both global and local food crises?
- How can institutional and technical water management improvements and investments contribute to increase the food production?
- How can scientific findings more effectively be transferred to practical technologies, especially supporting the poor farmers?

- How can poor farmers, especially women, benefit from market opportunities?
- How can local developments benefit from bio-energy?

#### Recommendations

- Consider diverse options for agricultural water management: rainfed, irrigated, water harvesting. Integrate these options in an optimum manner;
- Water, energy and agriculture are intimately related. Deal with them as an integrated entity; dealing with agriculture in this context will have the added value of enabling the sector to attract better attention from development organizations and the donor community;
- Rural sanitation and safe water re-use need to be coupled to agriculture and water investment agendas;
- Move from water management to integrated resource management (land degradation, water, infrastructure, institutions, markets, etc.).

#### Commitments

- We are now fixing our own water resource management problems, it is time we involve people to resolve them;
- Small-holder agriculture and its rural water agenda have been neglected. The current crises is to be seized to generate double opportunities for promotion of diversified livelihoods;
- Food price volatility especially for poor small-holders need to address the promotion of climate change proofing agricultural water related goods and services;
- Higher/right food prices at the farm-gate to ensure that there is no excuse for poor water management.

#### Initiatives

- Promotion of mainstreaming of water in national and international strategic development planning;
- Encouragement and assistance for establishment of grass-root land and water resource management

institutions (financing, land, water, micro-credit);

- Concerted effort by ICID, FAO, IFAD and other organizations to formulate integrated programmes (water-energy-environment, local and cultural setting) as well as generate dialogue with local government and donor communities to mobilize appropriate technologies and make them accessible to small-holders to achieve the ultimate objective of poverty eradication.

#### Follow - Up

- ICID will prepare the draft synthesis report, including all presentations, comments made during the sessions, recommendations and initiatives. It will be mailed to all Consortium and Consultation Partners and put on the VMS and ICID web site for comments;
- Several Consortium Partners are working on proposals that will

elaborate on the issues as presented and discussed in the Topic report and the sessions on the Topic.

*(We intend to bring out the summaries of other sessions in the subsequent News Updates due to space limitations).*

### Kyoto World Water Grand Prize 2009

At the 5<sup>th</sup> World Water Forum, Watershed Organisation Trust (WOTR), was awarded the coveted Kyoto World Water Grand Prize at a glittering closing ceremony on World Water Day (March 22) at Istanbul, Turkey. The award was presented to Dr Marcella D'Souza, Executive Director of WOTR in recognition of the outstanding contribution made towards organizing rural communities for watershed development and rain water harvesting in an inclusive, equitable, sustainable and gender sensitive manner.

The Grand Prize assumes huge significance as it is the world's premier water award given to successful grassroots initiatives that are innovative replicable and sustainable.

Watershed Organisation Trust (WOTR), India is an NGO established in 1993 to undertake holistic and integrated developmental activities for poverty reduction in resource-fragile and rain-fed areas in India. WOTR's head office is located at Ahmednagar, Maharashtra, India.

For more details please access : WOTR Wins Kyoto World Water Grand Prize 2009 ([http://www.wotr.org/in\\_focus.html](http://www.wotr.org/in_focus.html))

### Workshop on Education for Water Sustainability : Where Decades meet - Summary Report

UN-Water Decade Programme on Capacity Development (UNW-DPC) proposes a link of the two UN decades, i.e. the UN Decade of Education for Sustainable Development (DESD) and the UN Decade for Action 'Water for Life', to promote exchange between water and education stakeholders. UNESCO International Hydrological Programme (IHP), the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) and the UN-

### World Water Development Report – 3<sup>rd</sup> Edition

One of the key products that got released during the 5<sup>th</sup> WWF was **World Water Development Report – 3<sup>rd</sup> Edition**. This report is an excellent reference document that had linkages with the Forum themes and topics.

WWDR3 documents are accessible from the WWAP Website [www.unesco.org/water/wwap](http://www.unesco.org/water/wwap), and hard copies can be ordered from:

Dr. Olcay Ünver  
Coordinator

The United Nations World Water Assessment Programme, and Director, Global Water Assessment Unit, Division of Water Sciences, UNESCO, 1, rue Miollis, 75732 Paris Cedex 15, France  
E-mail: [o.unver@unesco.org](mailto:o.unver@unesco.org); Tel : +33 1 45 68 3928 ; Fax : +33 1 45 68 5811,

[Source : WWAP Website [www.unesco.org/water/wwap/](http://www.unesco.org/water/wwap/)]

Water Decade Programme on Capacity Development (UNW-DPC) jointly organized a workshop on "Education for Water Sustainable Development (ESD) during 31 March-01 April 2009 at Bonn, Germany. The water and education-related workshop highlighted the essential role water issues play in contributing to high quality education on sustainability, and by carrying out a stock-taking of DESD implementation and identifying ideas for the way ahead for water and education. The workshop also demonstrated and strengthened the links between the two decades regarding their contribution to achieving quality education for sustainable development. The workshop facilitated the exchange of ideas and of education approaches aimed at improving different levels of education.

More details, please contact Dr. Reza Ardakanian, Director, UN-Water Decade Programme on Capacity Development (UNW-DPC), Germany (E-mail : [ardakanian@unwater.unu.edu](mailto:ardakanian@unwater.unu.edu))

### ICID WatSave Awards 2009

Nominations are invited for the 'WatSave Awards 2009' from individuals/ team through National Committees/ Committee. Awards are given in three categories viz. (i) Technology, (ii) Innovative Water

### New Additions to ICID's TDS Database (March 2009)

The additions during the months to the TDS Database are:

#### Article Section – 40 additions (Articles / Papers)

- Water Policy, 2009, Vol. 11, No. 1 (8 articles)
- International Water Power & Dam Construction, January 2009, Vol. 61, No. 1 (3 articles); and February 2009, Vol. 61, No. 2 (2 articles)
- Proc. of the Institution of Civil Engineers – Water Management, February 2009, Vol. 162, No. WM1 (6 articles)
- Journal of Indian Water Resources Society, January 2009, Vol. 29, No. 1 (7 articles)
- Mausam, January 2009, Vol. 60, No. 1 (5 articles)
- Rural 21 – The International Journal for Rural Development, 2009, Vol. 43, No. 1 (9 articles)

**Book Section – 72 additions;** till date 31270 additions have been made to TDS database. The Text Delivery Service (TDS) has received one request during the period from India.

The Text Delivery Service (TDS) database can be accessed by visiting ICID website: [www.icid.org](http://www.icid.org).

Management, and (iii) Young Professionals. Each award carries prize money of US\$ 2000 and a Citation. The ICID WatSave Awards for the year 2009 are sponsored by Indian National Committee (INCID) and will be presented at the 60<sup>th</sup> meeting of the IEC.

The deadline for receipt of the entries from the applicants to the National Committees is 31 July 2009 and from National Committees to the Central Office ICID, New Delhi is **31 August 2009**. The entries should be submitted electronically to respective National Committees well in advance of the deadline to facilitate processing. The nominations sent directly to the Central Office, ICID will not be entertained. Please visit <[www.icid.org/awards.html](http://www.icid.org/awards.html)> for further details.

### Stockholm Water Prize : 2009

Dr. Bindeshwar Pathak, founder of Sulabh Sanitation Movement in India, has been named the 2009 Stockholm Water Prize Laureate. As the Founder of the Sulabh International Social Service Organisation, Dr. Pathak is well-known for spear heading in the sanitation to improve public health, advance social progress. His accomplishments span the fields of sanitation technology, social enterprise, and healthcare education for millions of people. Since its establishment, the Sulabh Sanitation Movement in 1970, one could discern changing social attitudes toward traditional unsanitary latrine practices in slums, rural villages, and dense urban districts.

Dr. Pathak will formally receive the 2009 Stockholm Water Prize at an Award Ceremony in the Stockholm City Hall during the World Water Week in Stockholm in August 2009. For more details, please access their website: [www.SIWI.org](http://www.SIWI.org) [Source : SIWI]

### Events

**Summer School on "Sustainable Use of Water in Agriculture"** during 5-9 October 2009 at Isola di San Servolo – Venice



### Take advantage of Irrigation and Drainage Online

The ICID journal, Irrigation and Drainage is available online FREE via Wiley InterScience® for all ICID office bearers, work body members and subscribers.

- Papers are available in easy to read PDF format
- Provides access to the full text of all articles published in Irrigation and Drainage since 2001, as well as Tables of Contents and Abstracts
- EarlyView® service provides papers online as soon as they have been accepted for publication, which can be several months earlier than the papers published in print
- Sign up for FREE Wiley InterScience Alerts – receive the table of contents via email as soon as an issue is published online: <http://www.interscience.wiley.com/journal/ird>

For 2009 Wiley has provided each ICID office bearer, work body member and subscriber a membership registration number. Your e-mail address is your user name and you can choose your own password.

Now available on the website is Volume 58.2 published in April 2009. Click on <http://www.interscience.wiley.com/journal/ird> for direct access to the home page of Irrigation and Drainage at the Wiley site, or at the abstract of the concerned paper for a direct link to the abstract of that paper.

#### Volume 58, Issue 2 Research Articles

##### **Shahbaz Mushtaq, Shahbaz Khan, Mohsin Hafeez**

Examining economies of scale and cost-benefit of small multi-purpose storage

ponds in the Zhanghe irrigation system, China. Abstract

##### **Masoud Parsinejad, Mohammad Reza Yazdani, Hamed Ebrahimi**

Field and regional scale evaluation of irrigation efficiency in paddy fields case study: Guilan, Iran. Abstract

##### **Shahbaz Khan, Aftab Ahmad, Hector M. Malano**

Managing irrigation demand to improve seasonality of river flows. Abstract

##### **V. Nicolosi, A. Cancelliere, G. Rossi**

Reducing risk of shortages due to drought in water supply systems using genetic algorithms. Abstract

##### **David Lozano, Luciano Mateos**

Field evaluation of ultrasonic flowmeters for measuring water discharge in irrigation canals. Abstract, PDF

##### **Muhammad Saffar Mirjat, Derek A. Rose**

Streamline pattern and salt leaching through progressive flooding between subsurface drains. Abstract

##### **Gürol Yildirim**

Simplified procedure for hydraulic design of small-diameter plastic pipes. Abstract

##### **Hamid Reza Fooladmand, Seyed Hamid Ahmadi**

Monthly spatial calibration of Blaney-Criddle equation for calculating monthly ET<sub>o</sub> in south of Iran. Abstract

##### **Fiaz Aghayari, Tooraj Honar, Alireza Keshavarzi**

A study of spatial variation of discharge coefficient in broad-crested inclined side weirs. Abstract

International University, Venezia, Italy. Deadline for applications: 30 April 2009. Contact: R. Andreas Kraemer, Director, Ecologic Institute, E-mail: [raknews@ecologic.de](mailto:raknews@ecologic.de); Website: <http://eswg.watercivilizations.org>

#### World Renewable Energy Congress XI

during 25-30 September 2010 at Abu Dhabi, United Arab Emirates. Contact: Dr. Ali Sayigh, Chairman of World Renewable Energy Congress, P.O. Box 362 / Brighton BN2 1YH, UK. Fax : 00 (44) (0) 1273 625 768, E-mail: [asayigh@wrenuk.co.uk](mailto:asayigh@wrenuk.co.uk), Website: [www.wrenuk.co.uk](http://www.wrenuk.co.uk)

## 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](mailto:icid@icid.org); Website : <http://www.icid.org>

Editor : Dr. Vijay K. Labhsetwar, Director; DTP : K.D. Tanwar, Central Office