



News Update

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

Established 1950

May 2009

From Secretary General's Desk...



Dear Friends,

On 24 June, ICID would enter its 60th year.

The Diamond Jubilee Year 2009 is studded with three Regional Conferences:

- European (17-24 May, Ukraine)
- African (11-14 October, Abuja) and
- Asian (6-11 December, Delhi),

connoting the activeness of the organization. In recent times, we had also the privilege of being acknowledged as the only organization of its kind to speak for 'Water for Food' globally. This is evident from an invitation to us to handle the Forum topic on "Water and Food for ending Poverty and Hunger" from the organisers of WWF5 and World Water Council. As you would recall, ICID signed a Letter of Agreement with World Water Council in 2007 to partner on issues concerning irrigated agriculture and water management. Many of you participated in generating inputs for the Forum and the task of our support to WWF5 stood well accomplished in many themes and topics. Topic 2.3 assigned to ICID for coordination, in particular was acknowledged not only as one of particular importance in addressing the global food scarcity but also crucial for achieving MDG. ICID handled this task with the formulation of a Consortium comprising well over 50 organizations. ICID had, on the conclusion of Istanbul Forum, received acknowledgement for ICID's efforts from (i) the Forum organizers, (ii) WWC and (iii) FAO. Space limitation restricts the Editor from reproducing them for sharing with you all.

Every year, we celebrate '24 June' as ICID Day. This year it is special. It is our 'Diamond Jubilee Year'. May I urge, as the occasion demands, the National Committees to remember the occasion in a befitting manner?

The call for 'WatSave' awards for the year 2009 has gone around. ICID bags the credit to support the 'WatSave' Awards this year. This is in line with the trend that is getting established viz: the host National Committee for the IEC of the year supporting these awards fully. WatSave awards connote ICID's independent initiative to support the global efforts for water savings, particularly in agricultural water management. We do not have donors behind to help this award; these awards of ICID are supported by our own National Committees who volunteer in rotation, to step in to help the cause. In stringent financial environ that one sees all around, this is indeed a great gesture. The WatSave awards should encourage show-casing new technologies and innovative water management, appropriate for wider application and upscaling; with the sizeable reforms planned around, these awards assume significance as these can orient meaningful investment and optimum returns for all concerned. May I seek your support to highlight ICID's efforts on 'water saving' front as this is yet to be widely appreciated? Please encourage 'the best' submissions from your countries for a global acknowledgement by the ICID's international Panel of Judges.

Last but not the least, is the welcome message of our Vice President Peter Kovalenko seen in the adjoining "box". Hoping to see you in Lviv, Ukraine.

Best regards,

(M. Gopalakrishnan)
Secretary General

Reply to:

President
Ukraine National Committee of ICID (UKCID)
37, Vasilkovskaja Str.,
Kiev, 03022, Ukraine
Tel: +380-44-290 2242
Fax: +380-44-257 4001
E-mail: ukcid@igim.org.ua
E-mail: kovalenko@users.ukrsat.com



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Dr. Peter Kovalenko, Vice President

International Commission on Irrigation and Drainage
Commission Internationale des Irrigations et du Drainage

Dear participants,



The Ukrainian National Committee welcomes you in the beautiful city of Lviv on occasion of the 23rd European Regional Conference on "Progress in managing water for Food and Rural Development".

We are proud to host such ICID event for the first time in Ukraine and we are pleased to note that so many of you will arrive in Lviv shortly. Both, the Scientific and the Organizing Committees have worked hard to prepare an ambitious scientific program for you. By Technical Tours and cultural events, we want to present regional highlights of our country and give opportunities to you for meeting creative people. We hope that these impressions will make you return to Ukraine again.

I hope you will have some joyful days at Lviv and I am looking forward to welcome you at the Conference.

Peter Kovalenko
President UKCID
Vice-President ICID

Central Office

48 Nyaya Marg, Chanakyapuri, New Delhi 110 021, India
Phone: +91•11•2611 6837 or +91•11•2611 5679
Fax: +91•11•2611 5962 E-mail: icid@icid.org
Website: <http://www.icid.org>; <http://www.ciid-ciid.org>

News from ICID National Committees

Portugal (PNCID)

Eng. José Augusto Rodrigues Estevao is the new General Director of the Direcção-Geral de Agricultura e Desenvolvimento Rural of the Ministry of Agriculture, Rural Development and Fisheries, replacing the former General Director Eng. Carlos Sao Simao de Carvalho, upon his superannuation. As per the by-laws of PNCID, the new General Director assumes the Presidency of the Portuguese National Committee of ICID (PNCID). The new contact co-ordinates of PNCID are as below :

Eng. José Augusto Rodrigues Estevao
President, Portuguese National
Committee on Irrigation and Drainage
(PNCID), Av Afonso Costa, No. 3,
1949-002 Lisboa - Portugal

Tel : +351 218 442 200
Fax : +351 218 442 202
E-mail : dgadr@dgadr.pt
Website : <http://www.dgadr.pt>

We congratulate and welcome Eng. José Augusto Rodrigues Estevao on assuming the office of President of PNCID and look forward to his active participation in ICID activities. Our profound gratitudes are due to Eng. Carlos Sao Simao de Carvalho, who was closely associated with activities of ICID. [Source : PNCID]

Romania (CNRID)

Prof. dr. eng. Ion NICOLAESCU, President of Romanian National Committee on Irrigation and Drainage (CNRID) has informed Central Office of their new contact details as below:

Postal Address: Sos. Oltenitei 35-37,
Sector 4, Bucuresti
Romania

E-mail: centrala@anif.ro
Website: <http://www.anif.ro>

CNRID has been an active National Committee of ICID since 1992 and has been actively participating and contributing to the activities of the European Regional Working Group of ICID. [Source : CNRID]

World Water Day Celebrations 2009

(We continue to provide briefs on World Water Day from our National Committees as we receive them).

Pakistan (PANCID)

Pakistan Engineering Congress, an active member of PANCID, celebrated World Water Day on 22nd March 2009 at Mashhadi hall of its Headquarters in Lahore, Pakistan. Theme of the day was "Shared Waters-Shared Opportunities". Engr. Dr. Mubashar Hasan (Ex-Finance Minister) and Prof. of Civil Engineering Department, Lahore chaired the proceedings.

The following papers were presented and discussed on occasion of World Water Day: (a) Shared Water-Shared Opportunities by Engr. Aftab Aslam Agha; (b) Management of Transboundary Water Resources with special reference to Pakistan and India by Dr. Allah Bakhsh Sufi, Talib Hussain & Ch. Wali Muhammad; (c) Shared Water-Shared Opportunities by Engr. Brig. (R) Khurshid Ghias Ahmed; (d) Mechanism for Settling Shared Water Issues by Dr. Engr. Javed Yunas Uppal; (e) Shared Water-Shared Responsibilities-The Global Perspective by Mian Sami-Ullah; and (f) Sharing River Water with India by Engr. M. Saeed Iqbal Bhatti.

Earlier, the Chief Guest Engr. Aftab Aslam Agha, President Pakistan Engineering Congress briefed the august gathering on importance of the World Water Day. He emphasized nurturing the opportunities for cooperation in Transboundary water management which can help promote peace, security and sustainable economic growth.

Speaking on management of transboundary water resources with special reference to Pakistan and India, Dr. Allah Bakhsh Sufi, Talib Hussain and Chaudhry Wali Muhammad said that positive and active third-party involvement was necessary for disputes related to Indus Waters Treaty as power inequities could delay negotiations.

Speaking on 'Mechanism for settling shared water issues, Eng Javeed Yunas

New Additions to ICID's TDS Database (April 2009)

The additions during the months to the TDS Database are:

Article Section – 53 additions (Articles / Papers)

- (i) Irrigation and Drainage – The Journal of the ICID, April 2009, Vol. 58, No. 2 (9 articles)
- (ii) Irrigation and Drainage – The Journal of the ICID, **Special Issue on the Water Professional of Tomorrow**, April 2009, Vol. 58, Supplement 2 (9 articles)
- (iii) Natural Resources Journal, 2008, Vol. 48, No. 2 (6 articles)
- (iv) WMO Bulletin, January 2009, Vol. 58, No. 1 (8 articles)
- (v) Water Policy, 2008, Vol. 10, No. 1 (5 articles); Vol. 10, Supplement 1 (8 articles); and Vol. 10, Supplement 2 (8 articles)

Book Section – 20 additions; till date 31289 additions have been made to TDS database. The Text Delivery Service (TDS) has received three requests during the period from India and Taiwan.

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

Uppal said that an integrated syndicate was required to be established to provide a comprehensive and impartial adjudication service covering all aspects of development and management of water resources to the sharing parties. Speaking on 'Global perspective of shared water responsibilities', Main Sami-Ullah said that many anthropogenic and natural forces were at work to impact the limited water resources in the world.

Speaking on 'Sharing water with India' Eng M. Saeed Iqbal Bhatti was of the view that Indus river waters sharing formula required to be re-negotiated to further strengthen the Indo-Pakistan relations. [Source : PANCID]

ICID Contributions to 5th World Water Forum

(A brief on ICID contributions to 5th World Water Forum was published in the April 2009 issue of News Update. In

continuation and as indicated, summaries of other ICID sessions follow).

Session 2.3.1: How to achieve the required food production to meet the growing demand?

Key Issues

- ◆ How to bridge differences between agricultural and water policies to avoid both global and local food crises?
- ◆ How can institutional and technical water management improvements contribute to the required increase in food production?
- ◆ What types of investments are necessary to develop additional water resources including non conventional and to modernize existing irrigation and drainage schemes to improve water productivity?
- ◆ How can rainfed agriculture contribute more effectively, while maintaining irrigated agriculture, to enhance food security and improve livelihoods in rural areas?
- ◆ What policies and actions are needed to ensure the sustainability of water resources and the river basin services that underpin the increases in agricultural productivity that must be achieved?

Recommendations

- ◆ Farmers may be successful in producing sufficient food; however, this may not alleviate urban poverty and hunger. Therefore, decisions on investment need to be based on decrease in food production cost and would be clearly demonstrated;
- ◆ Consider multifunctionality of agriculture/ irrigation with due attention to environmental impacts and services;
- ◆ Slight overall increase in water withdrawals for irrigation along with increase in crop yield levels will be required to meet future food production, primarily in the least developed and emerging countries;
- ◆ Ensure timely and sufficient availability of other inputs like quality seeds, fertilizers, pesticides, equipments, and

extension services, besides water for obtaining higher crop yields;

- ◆ Fragmented and small land holdings are significant constraints for increasing crop/water productivity. Promote improvement of farm holdings, in agreement with the concerned farmers (for example by rural reconstruction, or land reallocation) to improve economic viability of farming and reduce production cost;
- ◆ Besides increasing food grain production, other foods like fish and milk production need equal attention to cater protein needs of poor population;

Commitments

- ◆ Food demand is expected to double by 2030-2035. Main drivers are population growth, change in dietary habits and waste of food. (from field to fork). Devise both short term and long term solutions to comply the food demand;
- ◆ Enhance investment in various water management solutions (irrigation, water harvesting, rainfed agriculture, drainage) both by public and private sectors;
- ◆ Under the changing conditions and increased complexities capacity building at the appropriate levels will be required.

Initiatives

- ◆ Focus on improvement of existing irrigation schemes and their effective long term operation and maintenance;
- ◆ Develop close cooperation between Ministries of Water Resources, Agriculture, and others dealing with water. National Governments to take the required steps to assure effective food production for their people and improved livelihood of the poorest;
- ◆ Include and encourage farmers in discussions on agricultural water management initiatives;
- ◆ Women are playing a substantial role in farm level activities and in food production in many countries of Africa and Asia. However, their contribution

is not sufficiently recognized. Therefore, involve women in water management and decision making process;

- ◆ Promote adoption of innovative water saving technologies on large areas, reuse of poor quality waters for irrigation, and measures to achieve better water productivity;
- ◆ Plan and implement capacity building/ development initiatives at all levels in context of the changing conditions and increasing complexities;
- ◆ Data collection and analysis, monitoring and evaluation would have to play an important role in sound decision making.

Water Footprint Network Founded

The water footprint of a nation is the volume of water needed for the production of the goods and services consumed by its inhabitants. The idea of the water footprint is quite similar to the ecological footprint, but focusing on the use of water. The Water Footprint Network was founded in October 2008.

The Water Footprint Network originates from research started by Prof. Arjen Hoekstra at UNESCO-IHE in 2000, which resulted in an international team of researchers led by Hoekstra estimating the size of the 'water footprint' of nations. The network will aim to find broadly shared standards on water footprint accounting. Transparent standards are necessary to enable communication about water footprints of consumers and producers, to make sure that all stakeholders speak 'the same language'. These shared standards will also be key in finding measures to reduce the negative impacts of water footprints. For more information about the Water Footprint Network, please access website www.waterfootprint.org. Contact e-mail: info@waterfootprint.org.

'Water History'

Water History is a journal devoted to the interdisciplinary study of the history of water in all of its forms and manifestations. The editorial board of the journal is particularly interested in highlighting the

23rd European Regional Conference - Updates

Under the patronage of the Ukrainian National Committee on Irrigation and Drainage, the ICID : 23rd European Regional Conference 2009 will be held during 17-24 May 2009 in Lviv, Ukraine.

Topics: Under the theme "Progress in Managing Water for Food and Rural Development", the 23rd European Regional Conference will focus on specific problems of the integrated management of water and land resources, environmental problems of reclaimed territories under influence of drainage and irrigation, management of irrigation and drainage systems, and protection of water resources. In plenary sessions, the conference will deal with the following topics: Integrated management of water and land resources; Irrigation and Drainage; Flood management; Monitoring and evaluation.

ERWG Work Teams will have their meetings on Sunday, 17 May 2009. About 70 papers will be presented in parallel sessions from 18-19 May 2009. The official conference opening with representatives of the Ukrainian National Committee on Irrigation and Drainage and State Ministry of Agriculture is scheduled on Monday, 18 May 2009, followed by a plenary session. Additionally, about 25 posters will be displayed in a poster exhibition. Two different full-day tours will be offered on 20 May 2009.

For more information, please contact: Dr. Sergey Voroshnov, Organizing Committee, ICID Ukrainian National Committee, Institute for Hydraulic Engineering and Land Reclamation 03022, Kyiv, Vasylykivska st., 37, Ukraine. Tel: +380507017381, +380677097077, Fax: +380442574001, E-mail: igim@creator.ukrsat.com; Website: http://europeicid2009.org

fact that water history touches upon and informs many fields of study-ranging from the humanities and the social sciences to engineering and the life sciences.

Published under the auspices of Springer Press, the journal plans to begin publication with an inaugural issue in July of 2009 with further plans for biennial issues.

Water History welcomes articles from such fields and perspectives as environmental history, urban history, the history of technology, archaeology, cultural studies, management studies, engineering, geography, agricultural history, and the sciences.

Contact : Ir. Maurits W. Ertsen (Permanent Observer, WG-HIST) Water Resources Management, Department of Civil Engineering and Geosciences, Delft University of Technology, PO Box 5041 2600 GA Delft, The Netherlands, E-mail <m.w.ertsen@tudelft.nl>

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 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 60th 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> for further details.

Events

Water Congress – APAC Series during 6-7 October 2009 at Kuala Lumpur, Malaysia. Contact: Rhubini Asokumar, Tel: +603 2723 6611; Fax: +603 2723 6622; E-mail: <RhubiniA@marcusevanskl.com>. For registration form, please refer to this link <http://www.marcusevansassets.com/pdfs/Ep_15698.pdf>

3rd International Perspective on Current and Future State of Water Resources and the Environment during 4-6 January 2010 at IIT Chennai, India. Contact: Dr. Chandra S. Pathak (USA), Conference Chair, E-mail: <ewri@asce.org>; Website: <http://www.asce.org/conferences/india10>

Third International Conference on Water Resources and Renewable Energy Development in Asia during 29-30 March 2010 at Borneo International Convention Centre Kuching, Sarawak, Malaysia. Contact: Dr. Alison Bartle and Gael Bozec, Asia 2010 Management Team, Aqua-Media International Ltd.; PO Box 285, Wallington, Surrey, SM6 6AN, UK. Tel: +44 (0) 20 773 7244; Fax: +44 (0)20 8773 7255; E-mail: <sarawak2010@hydropower-dams.com>; Website: <http://www.hydropower-dams.com>

International Conference on Water History during 16-19 June, 2010 at Delft, The Netherlands Contact: Ir. Maurits Ertsen, Water Resources Management, Department of Civil Engineering and Geosciences, Delft University of Technology, PO Box 5041 2600 GA Delft, The Netherlands, E-mail: <m.w.ertsen@tudelft.nl>; Website: <http://www.wrm.tudelft.nl>

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