



News Update

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

December 2010

Dear Friends,

It is heartening to note that the key activity of the past month is the regional activity of Irrigation and drainage "CONIRD 2010 Conference" organized by the Brazilian National Committee of ICID (ABID). This National Conference in the South American Region is of significance and gaining global attention. It attracts a sizeable irrigation and drainage community, every year.

ABID invited ICID President Chandra Madramootoo to be amidst them during this Conference on 6-8 December 2010. Due to the last minute pressing commitments at the University, President had to content to himself by sending a message. This was read out during the occasion on his behalf by Dr. Helvecio Saturnino, President, ABID.

The Presidential Message may kindly be seen beneath.

Best regards, Season's Greetings and Happy New Year.

Yours sincerely,

M. Gopalakrishnan
Secretary General

President's Message "CONIRD 2010 Conference"



I am delighted to be able to provide ABID with these words of greetings on the occasion of this historic meeting in Uberaba, Minas Gerias. Firstly, I take this opportunity to thank the President of ABID, Dr. Helvecio Saturnino, for inviting me to attend the CONIRD 2010 conference. I very much regret that due to commitments at the University, I am unable to participate in this meeting. I very much wanted to be with you, to visit your very beautiful country, to learn of the irrigation and drainage issues first hand, and to join in your deliberations. However, this has proven to be impossible. I have indicated to Dr. Helvecio Saturnino that I would like to visit Brazil and meet with the members of ABID earlier next year at a more convenient time. I hope that this will be possible.

Nevertheless let me first pay tribute to Dr. Helvecio Saturnino, for his exceptionally hard work and perseverance in organizing CONIRD 2010. He is a man of vision, and he has determination to see ABID be much more effective in Brazil and within ICID. He has worked tirelessly over the years to bring irrigation and drainage much more into the forefront in Brazil. Furthermore, he has taken the time and effort to participate in ICID meetings and to network with like minded professionals and experts from around the world. He is an active collaborator in the

global irrigation network. For all of these reasons I would have liked to be present for CONIRD 2010, because it would have allowed me personally and through ICID to lend support to the activities of Dr. Helvecio Saturnino. He certainly deserves our collective gratitude and thanks.

ICID is the world's largest NGO dedicated to the sound management and use of water for the production of food and fibre. The membership extends to over 110 countries of which about 65 are quite active serving as backbone of ICID. Without the national committees and their experts, the work bodies of ICID could not function. It is therefore important that we do all we can to strengthen, support and encourage the active work programs of the national committees. We must further capitalize on national committee vigour and vitality in the global generation and dissemination of irrigation and drainage knowledge, through ICID meetings, publications and work teams.

ABID is extremely well positioned to be a leader in ICID, because of Brazil's regional and global economic and political stature, the country's strong agricultural sector, and its extensive water resources network to support food production and human development. Its experiences in water management and agriculture for several decades, its achievements in agricultural and water reforms, and the strength of its institutions, including the universities and research institutes places Brazil and ABID in an enviable position.

I therefore welcome the opportunity to see ABID become more active in ICID, and to share its knowledge, experiences and expertise

with other countries. I recognize that more needs to be done within Brazil to expand its irrigation infrastructure, and to place a higher importance on irrigated agriculture. With Brazil's natural resources and technological advances, it is well positioned to increase its food production potential for both domestic and international consumption. There is no doubt that Brazil is well poised to be one of the world's major food producers and suppliers. However to be such a bread basket requires a closer focus on the wise and conservative use of water and land to achieve maximum productivity, without degrading the environment. This is not an easy task and will require innovations in both water management and agriculture. Fortunately, ABID has the capability to bring about such innovations and to be an agent of change in water for food production not just in Brazil, but also by sharing its knowledge with others.

It is my fervent hope that ABID will rise to this challenge, and I further hope that through CONIRD 2010, we will see a renaissance of irrigation and drainage in Brazil.

Congratulations once again on organizing such an important event. I regret that due to my schedule, I am unable to be with you. But I am confident that you will have a very successful event.

With my very best wishes for the New Year!

Yours truly,

Chandra A. Madramootoo
President, ICID

Season's Greetings and Best Wishes for a Happy,
Prosperous and Fruitful New Year

News from ICID National Committees

AFEID (France)

The French National Committee of ICID (AFEID) has informed that Mr. Dominique Rollin will be the new Secretary General of AFEID. He replaces Mr. Sami Bouafra. Mr. Rollin's contact details are as below:

Mr. Dominique ROLLIN
Secrétaire Général de l'AFEID
361 rue Jean-François Breton
BP 5095, 34196 MONTPELLIER
CEDEX 5, France
Tel: +33.4.67.04.63.16
Fax: +33.4.67.16.64.40
E-mail: afeid@cemagref.fr,
dominique.rollin@cemagref.fr

We welcome Mr. Rollin and look forward to actively working with him while expressing our gratitude to Mr. Sami Bouarfa for his contribution to ICID through AFEID. [Source: AFEID]

BANCID (Bangladesh)

Md. Ahasan Ullah, Member Secretary of Bangladesh National Committee of ICID (BANCID) has informed of their new postal address as below :

Joint Rivers Commission, Bangladesh
Janata Tower (3rd Floor), Plot No.:49,
Kawran Bazar, Dhaka-1215, Bangladesh

Md. Ullah, Director of Joint Rivers Commission in Bangladesh can be contacted at: Phone: +880-2-8189359; Fax: +880-2-8189357; E-mail: jrbc@qubeemail.com.bd [Source: BANCID]

MXCID (Mexico)

The new E-mail address of Dr. Luis Rendón Pimentel (Mexico), President of Mexican National Committee of ICID (MXCID) is <luis.rendon@conagua.gob.mx>. (Source: MXCID)

SINCID (Slovenia)

Slovenian National Committee on Irrigation and Drainage (SINCID) has informed of their new office bearers and address. Mrs. Stanka Koren (E-mail: stanka.koren@gov.si) has become the new President whereas Prof. Dr. Brane Maticic (E-mail: sdnosincid@guest.arnes.si, b.maticic@guest.arnes.si) has become the Secretary General of the SINCID. SINCID's new postal address is as below:

Slovenian National Committee on Irrigation and Drainage (SINCID), SLOVENSKO DRUŠTVO ZA NAMAKANJE IN ODVODNJO, VOJKOVA C.. 1/B, 1000 LJUBLJANA, Slovenia Tel: +386 12317913, +386 41661267, Fax: +386 14335104

We welcome the new office bearers and look forward to actively working with them towards enhancing the activities of SINCID. [Source: SINCID]

New Additions to ICID's TDS Database (November 2010)

The additions during the months to the TDS Database are:

Article Section – 57 additions (Articles / Papers) — (i) Paddy and Water Environment, September 2010, Vol. 8, No. 3 (10 articles); (ii) Irrigation Australia, 2010, Vol. 25, No. 2 (8 articles); and 2010, Vol. 25, No. 3 (6 articles); (iii)

Journal of Hydraulic Research, 2010, Vol. 48, No. 4 (14 articles); (iv) Proc. of the Institution of Civil Engineers – Water Management, October 2010, Vol. 163, No. WM9 (6 articles); and November 2010, Vol. 163, No. WM10 (6 articles); and (v) Hydropower & Dams, 2010, Vol. 17, No. 5 (7 articles)

Book Section – 10 additions; till date 31648 additions have been made to TDS database. The Text Delivery Service (TDS) has received two requests during the period from India.

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

2nd Istanbul International Water Forum

The 2nd Istanbul International Water Forum will be held during 3-5 May 2011 at the Haliç Congress and Cultural Centre in Sütlüce, Istanbul. The topic of the Forum is “*Water related problems in the Middle East and North Africa,*

Central Asia, Eastern Europe and Turkey”. The 2nd Istanbul International Water Forum will also be an opportunity to revisit the Istanbul Water consensus and Istanbul Water Guide.

All those professionals who are interested may please access the website <<http://www.5thworldwaterforum.org/Participation/?m=icid@icid.org&lng=en>> for more details.

Global Water Tool 2010

The World Business Council for Sustainable Development (WBCSD) in Switzerland has announced that the 2010 version of the Global Water Tool (GWT) is now available for public use. It includes new and updated data and

maps as well as improved functionalities – making it more meaningful and easier to use. “The Global Water Tool is the first step for any company to make water-informed decisions. The Global Water Tool Development was led by WBCSD

Member and global engineering company CH2H HILL.

Access their website <www.wbcd.org/web/watertool.htm> to read more and download the tool with other details. [Source: WBCSD]

Deadlines for Forthcoming ICID Events

24th European Regional Conference,
14-16 March 2011, Orléans,
France

- ❖ Deadline for early-bird registration—**31st December 2010**
- ❖ Deadline for revised two-page paper — **31st January 2011**

Please access conference website at <<http://www.groundwater-2011.net>>, or contact Dr. Sami Bouarfa, President of the Technical Committee of AFEID and Chair of 24th ERC at <sami.bouarfa@cemagref.fr> for more information.

25th European Regional Conference,
16-20 May 2011, Groningen,
The Netherlands

- ❖ Submission abstracts — **3rd January 2011 (revised)**
- ❖ Acceptance of papers — **15th March 2011 (revised)**

For further details, please access the Conference website at <<http://www.icid2011.nl>>, or contact Dr. Bert Toussaint, Chairman of Organizing Committee at bert.toussaint@rws.nl for more information.

21st ICID Congress and 8th International
Micro-Irrigation Congress, 15-23
October 2011, Tehran, Iran

- ❖ Submission of comprehensive “Summary and Conclusion” — **15th January 2011 (revised)**
- ❖ Receipt of full length papers — **01 March 2011 (unchanged)**

Please access the 21st ICID Congress website <<http://www.icid2011.org>> for other details or contact Congress Secretariat at icid2011@gmail.com or ICID Central Office at icid@icid.org for more information.

Yogyakarta Declaration

“We, the participants of the 6th ICID Asian Regional Conference, held from 14-16 October 2010 in Yogyakarta, Indonesia.

Discussing

- Improvement of Irrigation and Drainage Efficiently through Participatory Irrigation Development under Small Land Holding Conditions.

Considering

- that most of the food production in the Asia region is done by smallholders and that smallholders are amongst the poorest segments of the population;
- the conversion of irrigated lands to non-agricultural purposes, because of urbanization;
- the continuous change of farmland ownership to people from cities;
- the increasing financial reliance on commercial and off-farm income opportunities for smallholders brought by urbanization;
- the gradual decline in interest of better educated young people to continue smallholder farming;
- the rapid increase in urban population which has changed the standard of living requires a significant increase in food production.

Recognizing

- the need for improved land and water productivity to improve smallholders livelihoods and to meet food security targets as a result of land conversion;

- irrigation and drainage efficiency must be improved as a priority in order to improve smallholders’ livelihood;
- the need for off-farm income to cover smallholders’ basic needs;
- the limited financial capacity of smallholders to pay irrigation service fees or to invest in improvement of technology;
- the need for more resilient farming practices to cope with increasing climate variability and water scarcity;
- the need for better environmental management of catchments, rivers, and irrigated areas covered by water management and flood protection systems;

We call upon

- Governments to:
 - Direct agriculture policies and support programs towards generation of more sustainable off-farm employment by developing local agro-industries, provide affordable credit systems, and access to markets;
 - Facilitate the development of WUAs (Water User Associations) and WUAFs (Water User Association Federations) towards becoming integrated water, agriculture and eco-system managers, and make them the guardians of the environment;
 - Develop a vision and facilitate the transition process from the present smallholder systems to commercial farming entrepreneurs;
 - Knowledge Institutions to
 - o Analyze experiences and develop best practices and approaches for

scaling up of integrated WUA/WUAFs as water, agriculture and eco-system managers;

- o Analyze experiences of other countries and develop best practices and approaches, for managing the medium to long term transition for smallholder based farming to commercial larger farming and agro-based enterprises;
- o Develop and introduce new affordable, water efficient, climate resilient, and eco-friendly technologies to enhance smallholder productivity and improvement of smallholder livelihoods;
- Agricultural services and irrigation and drainage management agencies to
- Act as service providers which effectively engage the smallholders’ WUA/WUAFs as partners in all aspects of development and management, in a coherent and coordinated way, especially with adaptation to urbanization, industrialization, land conversion and climate change;
- Welcome entrepreneurial activity that increase rural participation in the value chain and addresses the discrepancies in rural-urban livelihoods
- International organizations and financing institutions to
- Stimulate information exchange, research, technology transfer, and facilitate international dialogue in the challenges of, and options for irrigators and smallholders undertaking agriculture in rapidly urbanizing and industrializing societies.”

Blue Planet – Berlin Water Dialogues 2011

While water issues receive more attention now compared to 20 years ago, the fact remains that they are considered important only when countries are facing such extreme water-related events as droughts and floods. The political interest often disappears as soon as these extreme events have passed.

At the Earth Summit of the United Nations in Rio de Janeiro in 1992, not even one single head of state chose to emphasize water as a serious national issue in his or her plenary statement. Also for the agenda of the Rio+20 Conference, for which the preparations are well under way, water has so far not yet been identified as an urgent issue.

Something has to change. To effect this change, a biennial conference: 'The Blue Planet – Berlin Water Dialogues' will be organized during 4-5 May, 2011 at Berlin, Germany. Berlin will become the centre of future-oriented exchange of ideas on water issues through this conference.

Blue Planet – Berlin Water Dialogues 2011 will have four central discussion fora:

- Part 1 – Opening Panel : 2025 and Beyond – Developments, Solutions, and Responsibilities
- Part 2 – Panel : Industry - Water as a Basic Factor for Future Business Models
- Part 3 – Panel: Agriculture & Food - More Food With Less Water – Increasing Water Productivity
- Part 4 – Panel Water Governance: Designing Systems – Institutions and Policies Across Sectors and Borders

An international Advisory Board will be providing the intellectual and technical basis of discussion of the Berlin Water Dialogues.

Please access their website <www.blueplanet-berlin.com> for more information. [Source: *Third World Centre for Water Management*]



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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
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Note: New link to the renewed Wiley website: <[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361)>.

For 2010 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 **Volume 59.5**, Click on <[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1531-0361](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1531-0361)> for direct access to the home page of *Irrigation and Drainage* at the Wiley site, or at the Abstract or the PDF of the concerned paper for a direct link to respectively the abstract or the full paper.

Research papers

Wen-Shang Hou, Yuan-Hsiou Chang, Hsiao-Wen Wang and Yih-Chi Tan

Using the behavior of seven amphibian species for the design of banks of irrigation and drainage systems in Taiwan, Abstract

M. L. Kansal and I. Nyoman Suwarno

Integrated agricultural risk management in way Jepara irrigation area of Indonesia. Abstract

Yanbo Huang, Guy Fipps, Stephan J. Maas and Reginald S. Fletcher

Airborne remote sensing for detection of irrigation canal leakage. Abstract

D.L. Zhu, P.T. Wu, G.P. Merkle and J. Jin

Drip irrigation lateral design procedure based on emission uniformity and field microtopography. Abstract

Mohammad Albaji, Saeed Boroomand Nasab, Hydar Ali Kashkoli and Abdali Naseri

Comparison of different irrigation methods based on the parametric evaluation approach in the plain West of Shush, Iran. Abstract

Souvik Ghosh, Ashwani Kumar, Prabhakar Nanda and P.S.B. Anand

Group dynamics effectiveness of water user associations under different irrigation systems in an eastern Indian state. Abstract

Aytac Guven and Önder Ökmen

Hybrid analytic/rule-based expert system for channel covering decision support. Abstract

S. Khan, A. Ahmad, L. Zhaoqing, T. Rana, J. Mu, J. Blackwell and N. Jayawardane

Quantifying aquifer water balance and salinity dynamics to minimise environmental impacts of a land-based effluent treatment system in China. Abstract

Krishan Kumar and S. K. Gupta

Decline of groundwater tables in the upper Yamuna basin: Causes and management strategies. Abstract

Madhumita Das, R. R. Sethi and N. Sahoo

Evaluation and integration of soil salinity and water data for improved land use of underproductive coastal area in Orissa. Abstract

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

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