



News Update

ICID•CIID

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

Diamond Jubilee Year (1950-2010)

June 2010

From Secretary General's Desk...



Dear friends,

Many of our colleagues would recall the High Level Conference on Food Security convened at the instance of FAO in Sirte, Libya in December 2008 which was hosted impressively by the Libyan Government. The well attended African Ministerial Conference did facilitate closer linkages, regional as well as international, in addressing MDG 1 besides other issues concerning water for agriculture. ICID had the privilege of being invited. Several of our African National Committee representatives and a few of our workbody members attended the Sirte Conference besides I, and we could discuss issues like 'Lake Chad' besides food security through enhanced agricultural water management. The African Regional working Group later took stock of the outcome.

Sirte also has to be remembered for yet another memorable and historic event. Many lead partners like FAO, IFAD, ICID, NEPAD, IMAWESA, IWMI, WB and AfDB joined hands in launching a laudable initiative "Agricultural Water for Africa" (AgWA) during the High Level Conference. AgWA aims building close linkages of actions in water for agriculture. ICID's support to AgWA ever since its inception was being reported in our IECs during the last two years, given our commitment to enhance 'ICID focus on Africa'.

In a recent AgWA Partners meet in March in Tunis this year, the future agenda have been carved out for AgWA. *Inter-alia*, there is a decision to crystallize a "Comprehensive African Agricultural Development Plan" (CAADP). Advancing AgWA by work plans emerged during this meeting. These documents have



been circulated widely to our colleagues through all active African National Committees as well as work bodies concerned with this topic. Two key issues are being flagged by AgWA which are: (i) the practical steps that could be taken by ICID to support ARID and SARIA to adopt a wider, and more proactive role as key delivery agents of AgWA (particularly in its role as an Expert Pool to CAADP) and (ii) the possible joint role that ICID and AgWA during the forthcoming WWF 6 Marseille in 2011. I would appreciate reactions on them in order to help us to consolidate various views to ensure/render a strong support to AgWA. May I urge our colleagues in African National Committees to share some of their time on this very important project and communicate to Central Office ahead of the upcoming 61st IEC? The forthcoming IEC in Yogyakarta in October this year will give us a golden opportunity to look into the way forward with AgWA partners.

Last but not the least; it is time for me to remind you to block your dates 10th to 16th October this year in order to join all of us, the ICID fraternity, in Yogyakarta for the 61st IEC and 6th ARC. The Indonesian National Committee and designated organisers have got geared themselves to ensure that the upcoming events hosted by them with enormous efforts are rewarding and memorable. It has been clarified by them recently that the problems encountered in accessing the conference website for registration, as reported by a few, stand resolved. I urge you to visit <http://www.icid2010.org> for the programme details. Your valuable presence is quite important for a fruitful IEC. I bank on your kindness.

Best Regards,

M. Gopalakrishnan
Secretary General

News from ICID National Committees

AMID (Mali)

The 3rd General Assembly meeting of Association Malienne des Irrigations et du Drainage (AMID) has nominated new Office-Bearers for AMID. Accordingly, Dr. Adama Sangare has become the new President, Mr. Seydou Bassié TOURE, the Vice Président and Mr. Paul COULIBALY, the Secretary General of the AMID. Their contact co-ordinates are as below:

Dr. Adama SANGARE, Président, AMID, Co-Directeur de BETICO, Au Modibo Keita, Im Sulla and Fils, BP 1840, BAMAKO, Tel: (223) 20 28 75 21, Mobile No.: (223) 66 74 08 94, Fax: (223) 223 48 82, E-mail: a.sangare@betico.net; betico@betico.net

Mr. Seydou Bassié TOURE, Vice Président, AMID, Directeur Général de l'OPIB, Tel: (223) 20 22 71 92 /20 23 29 56, Cel: 66 73 73 17, E-mail: sbtoure@opib.org

Mr. Paul COULIBALY, Secrétaire Général, AMID, Coordinateur Schéma Directeur Office du Niger

Au Modibo Keita, Im Sulla and Fils, BP 1840, BAMAKO, Tel: (223) 76 44-59-80, E-mail: dpaul_coulibaly@yahoo.fr

We welcome all the new Office-Bearers and other new staff and look forward to work with them in close association to organize the 3rd African Regional Conference in Mali in 2011. [Source: AMID]

BANCID (Bangladesh)

Mr. Mir Sajjad Hossain, Member-Secretary of the Bangladesh National Committee of ICID (BANCID) has informed of their new contact co-ordinates as below :

Bangladesh National Committee of ICID (BANCID), Member, Joint Rivers Commission, Bangladesh, Ministry of Water Resources, Janata Tower (3rd Floor), Plot No. 49, Kawran Bazar, Dhaka-1215, Bangladesh,

Tel: +88-02-8189358, +88-02-8189359,
Fax: +88-02-8189357, E-mail:
jrcb@qubeemail.com.bd, Website: <http://www.jrcb.gov.bd> [Source: *BANCID*]

IRNCID (Iran)

MASSCOTE Training in IRAN

In association with Food and Agricultural Organization of the United Nations (FAO), Iranian National Committee on Irrigation & Drainage (IRNCID) hosted a training course on "Mapping System and Services for Canal Operation Techniques (MASSCOTE)" in Khuzestan province, south of Iran from April 24 to May 4, 2010.



Seventeen Iranian experts attended the training course. The training course created an awareness on the steps to be followed in MASSCOTE. Utilizing this training, the participants took the Irrigation & Drainage System of Dez (120,000 hectare) for analysis by Rapid Appraisal Process (RAP). The appraisal illustrated that evolving Dez Irrigation System indicators will be desirable. The results from the analysis provided good insight on several parameters like, for example: (i) income per hectare - US\$ 3100, (ii) water charges cover about 96 percent of Dez Irrigation System cost, while its economic productivity is 0.09 US\$/m³ and (iii) the agricultural return flow volume is about 50 percent.

Holding such training courses enables wider spread for developing MASSCOTE theory in Iran. [Source: *IRNCID*]

ITAL-ICID (Italy)

Workshop on Hose Reel Machines

A Workshop on "The New Hose Reel Machines for the Reduction of Economic Water and Energy Costs" was held on 3 June 2010 at the University of Florence, Italy. The objective of the workshop was to know the latest developments in the Italian irrigation technology with a special focus on the new hose reel sprinkler irrigation machines. The workshop was

organized by the Italian National Committee (ITAL-ICID) in collaboration with the Association of Manufacturers of Irrigation Machines (AMIS) of Italy.



The workshop was inaugurated by Dr. Gabriella Zanferrari, President, ITAL-ICID in presence of Dr. Maria Elisa Venezian Scarascia, General Secretary of ITAL-ICID. Delegates from South Africa, Nigeria and India, besides Italy, participated in the workshop. Presentations were made by Dr. Graziano Ghinassi (Italy), member WG-ON-FARM; the professors from the Universities of Florence and Pisa; besides the participants from India (1), Nigeria (2) and South Africa (1), who presented the scenario of sprinkler and micro irrigation in their respective countries.

Preceding the workshop, a 3 day technical tour around Bologna was organized. The participants in the tour were VPH Felix Reinders, Chairman of South African National Committee (SANCID) and Working Group on On-Farm Irrigation Systems (WG-ON-FARM), Dr. S.A. Kulkarni, Executive Secretary, ICID Central Office and Engrs. Kehinde Afolabi and Musa U. Baba, Federal Ministry of Agriculture and Water Resources, Nigeria. During the visit participants could see the actual operation of the new hose reel machines and interact with the farmers to understand the advantages of the new hose reel machines over other mechanized sprinkler systems. The participants also visited the manufacturing facilities of each company. The hose reel machines are exported to more than 60 countries. The new generation machines not only save water but also require less labor, due to high level of automation. The size of these machines vary and covers an area from 2 to 50 ha. The technology could be very useful for even small land holdings in developing countries. The new version of the hose

reel machine use spray booms which requires relatively low pressure (about 2.5 bar) and found to be quite useful for close growing crops like potatoes, tomatoes, fodder etc. The field visit and the workshop were sponsored by ITAL-ICID and the AMIS.

The study tour was hosted and organized by six major hose reel manufacturing companies of Italy, viz, OCMIS, IRTEC, SIME, RM Irrigation, GIAMPI, and FERBO/ IDROFOGLIA. ICID appreciate the initiative of ITAL-ICID and also Dr. Graziano Ghinassi of ITAL-ICID who took pains and made great efforts in organizing the entire program.

MXCID (Mexico)

The new postal address of MXCID is:

Mexican National Committee of International, Commission on Irrigation and Drainage (MXCID), Gerente de Distritos y Unidades de Riego Comision Nacional del Agua, Insurgentes Sur 2416 7o Piso, Colonia Copilco El Bajo, Delegación Coyoacán, C.P. 4340 México D.F., Mexico, E-mail: cnm@mxcid.org, brobles@tlaloc.imta.mx, luis.rendon@cna.gob.mx Tel: +52 53 222407, +52 53 222400 Ext. 6672, Fax: +52 53 222409

Dr. Benjamin De León Mojarro, Secretary has a new e-mail address as <benjamin.dleon@gmail.com>. [Source: *MXCID*]

TUCID (Turkey)

Mr. Haydar Koçaker has taken over as the new Chairman of the Turkish National Committee on Irrigation and Drainage (TUCID). The contact coordinates of Mr. Haydar Koçaker are as below:

Chairman, Turkish National Committee on Irrigation and Drainage (TUCID), DSI Genel Müdürlüğü, İnönü Bulvarı, Yüce tepe 06100, Ankara, Turkey, Tel. & Fax: +90 312 425 46 14, E-mail: haydark@dsi.gov.tr; basriyukse@gmail.com

Mr. Haydar Koçaker is also Director General of State Hydraulic Works (DSI) which is responsible for overall water resources development in Turkey.

ICID fraternity extends its warm welcome to Mr. Koçaker and expresses its thanks to Prof. Dr. Veysel EROGLU, former Chairman for his contributions to ICID. [Source: *TUCID*]

McGill Institute of Global Food Security

The Board of Governors, McGill University at its meeting on 25th May 2010, formally approved the creation of the McGill Institute of Global Food Security / *Institut de sécurité alimentaire mondiale de McGill*, in the Faculty of Agricultural and Environmental Sciences, Macdonald Campus in Canada. Prof. Chandra Madramootoo, President, ICID is the James McGill Professor and Dean of Faculty of Agricultural and Environmental Sciences at the McGill University's Macdonald Campus. The issue of Global Food Security is at the hearts of both institutions. [Source: *Academic Planning Officer, McGill University*]

Report on the 33rd session of the Governing Council of IFAD

Vice President Prof. Lucio Ubertini (Italy) represented ICID at the annual session of the Governing Council of IFAD held during 11-15 February 2010 at Rome in Italy.

The Honourable Mizengo Peter Pinda, Prime Minister of the United Republic of Tanzania delivered a message from Hon. Jakaya, Mrisho Kikwete, President of the United Republic of Tanzania during the inauguration ceremony. Dr Kanayo Nwanze was elected as the fifth President of IFAD by all member countries. His Excellency Giorgio Napolitano, President of the Italian Republic then delivered the opening speech.

Messages from His Excellency Ban Ki-moon, Secretary-General of the United Nations, Dr Jacques Diouf, the Director-General of the Food and Agriculture Organization of the United Nations and Ms. Josette Sheeran, Executive Director of the World Food Programme (WFP) were read to the the representatives of IFAD's 165 Member States.

A major highlight of this year's meeting was a plenary panel on "*From summit resolutions to farmers' fields: climate change, food security and smallholder agriculture*".

Also, three side events were held with participation from academicians, scientists and researchers who focused on natural resource management, climate change and the role of smallholder agriculture and family farming. Prof. Ubertini attended the side event on "The role of smallholder agriculture and family farming in Asia and Latin America and options for South-South cooperation" with great interest. [Source: *Prof. Lucio Ubertini, VP, ICID*]

Book Release

Locales of Happiness: Colonial irrigation in The Netherlands East Indies and its remains, 1830-1980
by
Maurits Ertsen

About the book: European colonial policies of exploitation and development have always been closely associated with irrigation. In this book, Maurits Ertsen explores how the Dutch realized their irrigation efforts in their most important colony the Netherlands East Indies, modern Indonesia. Colonial agrarian policies, irrigation goals and technical goals appear to be closely linked in a so-called technological regime. Within the structuring context of this regime, irrigation engineers created what they perceived as locales of happiness for Javanese farmers and sugar industry. Although the agro-political realities in Indonesia and the world have dramatically changed after the Second World War, Dutch irrigation engineering continued to be based upon the design approach developed in the Netherlands East Indies.

About the author: Maurits Ertsen lectures on irrigation at the water resources management group of Delft University of Technology. Ir. Ertsen is also Chairman of WG-MIS.

Contacts: Ir. Maurits Ertsen, E-mail: <m.w.ertsen@tudelft.nl>, Website: <www.wrm.tudelft.nl>

61st IEC and 6th ARC of ICID - Updates

The Indonesian National Committee of ICID (INACID) will be organizing the 61st International Executive Council (IEC) Meeting and 6th Asian Regional Conference (ARC) during 10-16 October 2010 at Sheraton Mustika Yogyakarta Resort and Spa, Yogyakarta Special Province in Indonesia. The theme of the conference is "Improvement of irrigation and drainage efficiency through participatory irrigation development and management under the small land holding conditions". The following information has been confirmed by the organizers:

Side Events: (a) Seminar on "History of Irrigation in Eastern Asian", (b) Workshop on "Sustainable Development of Lowland Areas and Tidal Marshes", (c) Workshop on "Impacts of Climate Change on Irrigation and Drainage Development and Management", (d) Workshop on "Water Saving Practices in Agriculture", (e) Workshop on "Nutrient leaching from agricultural soils", and (f) Special Session: India-Indonesia.

Technical Tours: (a) Technical Tour (I): 13 October, 2010 to Merapi Sabo Dam; (b) Technical Tour (II): 14 October, 2010, Project SRI; (c) Study Tour - History Seminar

Registration: On-line registration is available at <<http://icid2010.org/register>>

Hotel Accommodation: Bookings can be made at <<http://icid2010.org/accommoation/>>

The INACID will issue invitation letters to those who need it for visa purpose. The final announcement giving details of registration, programme, accommodation, study tours, technical exhibition, etc. can be accessed at <<http://www.icid2010.org>>. For more information, please contact: The Indonesian National Committee of ICID (INACID), 8th floor of the New Building, Directorate General of Water Resources (DGWR), Ministry of Public Works, Jalan Pattimura No.20/ Perc. No.7, Kebayoran Baru, Jakarta Selatan, 12067, Indonesia; Tel.: +62-21-723-0318, Fax: +62-21-723-0317, E-mail: secretariat@icid2010.org; inacid_indonesia@yahoo.co.id [Source: INACID]

Call for Papers – International Workshop on 'Water Saving Practices in Agriculture'

An International Workshop is being organized by ICID's Working Group on Water and Crops (WG-CROP) during its 61st International Executive Council (IEC) Meeting and 6th Asian Regional Conference (ARC) during 10-16 October 2010 at Yogyakarta, Indonesia together with the WG meeting.

The workshop will focus on rapidly growing demands and pressures on the water resources causing in many cases imbalance between supply and demand. This growing imbalance has led to shortages, competition, rising pollution and other environmental pressures. Achieving food security and improving the quality of life, while preserving the environment, will continue to pose major challenges to Scientists, Decision makers and Technicians in the next few decades. Irrigation requires relatively large amounts of water. This water is a commodity that is becoming increasingly scarce and therefore water saving in agriculture practices will be significant and valuable. Following are the sub-themes:

- (i) Field measurements for water saving and precise measurements of the water balance components, (ii) The role of water authorities and institution for water saving, (iii) Operational control of water supplies for water saving, (iv) Water management for water saving at farm level, (v) Re-use and cyclic use for water saving, (vi) Computer support, modelling and decision support systems for water saving, (vii) The role of the industry in water savings, and (viii) Plant varieties (selection) for water savings

Deadlines: Abstracts (1500 words) by: **01 July 2010**; Acceptance of abstracts by: **15 July 2010**

Please mail the 'Expression of Interest and Abstract' to Dr. Ragab Ragab, Workshop Chairman with a copy to ICID Central Office.

Contact co-ordinates: Dr. Ragab Ragab, Chairman, WG-CROP, Centre for Ecology and Hydrology, Wallingford, Oxon, OX10 8BB, UK, E-mail: rag@ceh.ac.uk Tel: +44-1491-692303

Website: Please access the Conference website at <http://www.icid2010.org> for more information and other events during 61st IEC and 6th Asian Regional Conference at Yogyakarta, Indonesia.

Call for Papers

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

ICID Congresses are held once in three years in any one of its member countries. The 21st Congress of ICID will be held during **15-23 October 2011** at Tehran, Iran. The theme of the Tehran Congress is "**Water Productivity Towards Food Security**".

During the Congress, papers are presented and discussed for two Questions, a Special Session, a Symposium, and numerous Workshops. For the Questions, authors submit papers through their National Committees of ICID, or through the International Organizations active in the field of irrigation and drainage. For the Special Session, Symposium and Seminar, only one paper per country can be submitted. The topics for the two **Questions, Special Session, Symposium and Seminar** are:

A. CONGRESS QUESTIONS

Question 56: Water and Land Productivity Challenges

- 56.1** Water and Land Productivity: Concepts, Indices and Targets
- 56.2** Innovations, Technologies and best practices for sustaining and/or increasing Water and Land Productivity
- 56.3** Productivity of Poor Quality Waters for Irrigation Uses
- 56.4** Improving Crop Water Productivity under Stressed Environment
- 56.5** Irrigation and Drainage Management Improvements

Question 57: Water Management in Rainfed Agriculture

- 57.1** Drainage and Flood Management in Rainfed Farming
- 57.2** Water Harvesting and Conservation

- 57.3** Supplementary Irrigation
- 57.4** Rainfed Farm Management

B. 8th International Micro Irrigation Congress: Innovation in Technology and Management of Micro irrigation for Enhanced Crop and Water Productivity

C. Special Session: Modernization of Water Management Schemes

D. Symposium: Climate Change Impacts on Soil and Water Resources

E. History Seminar: Possibilities of Using Traditional Methods in Modern Water Management Systems

DEADLINES FOR SUBMISSIONS

National Committees to intimate name(s) of author(s) of paper to the Central Office — **01 August 2010**

Submission of comprehensive "summary and conclusions" of about 500-600 words — **01 September 2010**

Intimation of acceptance of "summary and conclusions" — **15 December 2010**

Receipt of full text of accepted papers — **01 March 2011**

Please access the 21st ICID Congress website <<http://www.icid2011.org>> for details on: Scope of Topics and Sub-topics, submission and selection of papers, guidelines for preparation of papers and proforma for authors and more. Contact coordinates: The Executive Secretary, **International Commission on Irrigation and Drainage (ICID)**, 48 Naya Marg, Chanakyapuri, New Delhi 110 021, India, Tel: +91 11 26115679, +91 11 26116837, +91 11 24679532, Fax: +91 11 26115962; E-mail: icid@icid.org and Website: <<http://www.icid.org>>

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