



ICID•CIID

News Update

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

November 2009

Dear Friends,

May I have the pleasure of drawing your kind attention to the message (see inset) of INCID Chairman, Bajaj. As hosts, INCID has got geared itself to receive you in New Delhi for the 60th IEC and 5th ARC and the letter amplifies the importance attached to our events, at the country's highest political level.

Welcome to the 60th IEC.

It would be my privilege to receive you also at the Central Office.

Best regards,

M. Gopalakrishnan
Secretary General



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A.K. Bajaj, Chairman, CWC & Chairman, INCID

Welcome to the 60th IEC Meeting and 5th Asian Regional Conference at New Delhi.

On 6 December 2009, the Indian National Committee on Irrigation and Drainage (INCID) will have the privilege of welcoming delegates from around the world to the ICID's 60th International Executive Council (IEC) meeting and 5th Asian Regional Conference. It is a matter of immense pleasure and pride to host these events when ICID is celebrating the 60th year of its foundation. India had been honored to host ICID Secretariat at New Delhi since its establishment in 1950, and is also one of its founder member countries. It would be therefore an excellent opportunity for the entire ICID family to be here in the Diamond Jubilee year of the Commission's foundation.

Presently, INCID is hosted by the Central Water Commission (CWC), an apex technical organisation of the Ministry of Water Resources, Govt. of India. INCID has the membership of professionals drawn from government organizations, academic and research institutes across the country. INCID has organized many national and international workshops in close liaison with the Central Office, and has brought out over a dozen technical publications.

In India, the history of irrigation development can be traced back to prehistoric times. Vedas and ancient Indian scriptures have references to wells, canals, tanks and dams which were beneficial to the community and their efficient operation and maintenance was the responsibility of the State. Civilization flourished on the banks of the rivers and harnessed the water for sustenance of life. There is an evidence of the practice of irrigation since the establishment of settled agriculture during the Indus Valley Civilization (2500 BC).

Today, India is a fast growing and the fourth largest economy of the world in terms of GDP. India's achievements in water resources development and

management during the past 60 years have been spectacular. The country has the largest irrigated area in the world of about 61 million ha covering 42% of the cultivable area. The irrigated agriculture has made major contribution towards food grain production and in the process has made the country not only self-sufficient, but an exporter of food grains in 2005-07.



We have received overwhelming response to the "call for papers" for the conference; more than 238 abstracts of papers from 24 countries have been received for oral/ poster presentations. We have blocked more than 300 rooms in various categories of hotels. A dedicated website www.incid2009delhi.org has been established which provides details on accommodation, programme, post conference tours, and facility of online registration and payment.

We are happy that the event will be inaugurated by our Hon'ble Prime Minister, Dr. Manmohan Singh. Delhi with its population of about 12 million is a modern city of India having a blend of both old and modern culture. There are many sites of tourists' interest within and around Delhi including the world famous *Taj Mahal*. The weather in December will be very pleasant. The Indian National Committee (INCID) and the Central Board of Irrigation and Power (CBIP) - the organizing agency are fully geared-up to ensure an enjoyable stay and rewarding experience to our guests. I am pleased and honored to invite you to participate in these meetings and look forward to welcoming you at New Delhi shortly.

A.K. Bajaj
Chairman, CWC and INCID

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Diamond Jubilee Year (1950-2009)

News from ICID National Committees

Indonesia (INACID)

61st IEC and 6th ARC

As you are aware, the 6th International Executive Council (IEC) and 6th Asian Regional Conference (ARC) will be hosted by Indonesian National Committee of ICID (INACID) during 10-16 October 2010 at Yogyakarta, Indonesia.

INACID has recommended that all concerned correspondence should be addressed to their INACID Secretariat at <secretariat@icid2010.org>, unless otherwise specified. [Source : INACID]

Switzerland (CH-AGRAM)

World Climate Conference-3

World Climate Conference-3 (WCC-3) was held from 31st August to 4th September 2009 in the United Nation Center in Geneva, Switzerland, under the aegis of the World Meteorological Organization.

CH-AGRAM (Swiss National Commission on agro-systems and land improvement) represented the ICID (International Commission on Irrigation and Drainage) in the Conference.

WCC-3, which has brought together more than 2000 climate scientists, sectoral experts and decision-makers, established a Global Framework for Climate Services "to strengthen production, availability, delivery and application of science-based climate prediction and services". "WCC-3 was a natural bridge for connecting science to the climate negotiations for Copenhagen" said Mr Ban Ki-Moon, Secretary-General of the United Nations.

"The Framework gives an instrument to better adapt on actual climate change" said H.E. Mr Moritz Leuenberger, Federal Councillor, Head of Federal Department of the Environment, Transport, Energy and Communications. The Framework "builds a bridge between the science, climate experts and users around the world and within as many users as possible in several socio-economic sectors" continued Mr. Leuenberger.

The scientists and sectoral experts supported the development of the proposed Global Framework and called for strengthening of five essential elements :

- the Global Climate Observing System and all its components, encouraging exchange and access to climate data.
- the World Climate Research Program, underpinned by adequate computing resources and increased interaction with other global climate research initiatives.
- climate services information systems taking advantage of existing national and international arrangements.
- climate user interface mechanisms focused on building linkages and integrating information between the providers and users of climate services.
- efficient and enduring capacity building through education, training and strengthened outreach and communication.

Mr. Rajendra Pachauri, Chair of the Intergovernmental Panel on Climate Change, emphasized the scientific realities associated with a 2 degree Celsius target. Only due to thermal expansion, sea-level rise is inevitable and will threaten millions of people in coastal areas and mega-deltas. In order to achieve the 2 degree Celsius target, it is important that the global greenhouse gas emissions peak by 2015 and then sharply decline. He stressed the huge co-benefits of mitigation for health, agriculture, employment and energy security. "Given that the inertia in the system will result in climate change and its impacts, even if we reduced our emissions to zero today, the global community has to address the need for adaptation measures, particularly in the most vulnerable regions of the world" he said.

For more details, visit the WCC-3 Website: <http://www.wmo.int/wcc3> [Source : CH-AGRAM]

21st ICID Congress, Tehran, Iran 2011

The ICID Central Office invited the nominations for the General Reporters (GRs) and Panel Experts (PEs) from the National Committees (NCs) for the two basic Questions and Special Session of Tehran Congress (2011). The GRs and PEs are to be appointed at the forthcoming meeting of the Council at New Delhi, India in December 2009. The topics for the two basic Questions and the Special Session for which GRs/PEs are to be appointed have been already circulated and are also available on the Congress website.

The NCs may rush their nominations to Central Office (e-mail: icid@icid.org) for consideration in the 60th IEC at New Delhi. Please access congress website: www.icid2011.org for other details on the Congress.

Reducing evaporation losses

Australian agriculture is highly dependant on farm dams. Storage sizes range from a few megalitres (ML) for stock and domestic supplies to larger dams used for commercial irrigation. Conservative estimates suggest that in excess of 8 million ML is stored in farm dams (i.e. 9% of total stored water), and that there are more than 2 million farms dams across Australia. Significant evaporation losses can occur from these dams besides distribution channels. It is important to quantify the evaporation losses to propose mitigation technologies.

There are a wide range of products available for controlling evaporation loss. There systems include:

- Continuous floating covers
- Modular covers
- Shade structures
- Chemical covers

Continuous floating plastic covers act as an impermeable barrier that floats on the water surface and can achieve above 90% evaporation savings for full cover of the dam. Modular floating covers come in a range of sizes typically up to 3m² in

area and act in a similar manner to floating covers. Shade structures in general are suspended above the water surface using cables creating a web-like structure with shade cloth fitted between the cables. Chemical covers have been promoted as a low cost method to reduce evaporation losses.

The cost benefit of evaporation control is a key driver in investment in the technologies mentioned above. For more details log onto www.waterpowermagazine.com

[Source : Erik J Schmidt, University of Southern Queensland, Australia in International Water Power and Dam Construction, Vol.61, No.10, October 2009]

The Water Channel

We would like to draw your attention to www.thewaterchannel.tv – with over 300 videos in many water-related categories. This is a public facility, which apart from hosting the videos, is producing off-line compilations for education and awareness and is also supporting the production of new material. Contact: e-mail : thewaterchannel@metameta.nl

World Water Council

The WWC General Assembly (GA) was held on 14 October 2009 in Marseille, France. The GA held elections for the 35 seats of Board of Governors (BoG). Regretfully, ICID could not get sufficient support to enter the new BoG.

The General Assembly by a special resolution granted the President Loïc Fauchon the opportunity to represent Société des Eaux de Marseille for one more term. Also, the new BoG granted him Presidency for another term. Prof. Ben Braga (Brazil) too got another term as WWC Vice President.

World Water Forum 6

France will host the 6th World Water Forum in Marseille in March 2012. World Water Council President Fauchon and his new team assured the assembled participants in Marseille last month a very successful Forum. Former WWC

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

The additions during the months to the TDS Database are:

Article Section – 55 additions (Articles / Papers)

- (i) Irrigation and Drainage – The Journal of the ICID, October 2009, Vol. 58, No. 4 (9 articles)
- (ii) Irrigation Australia, 2009, Vol. 24, No. 3 (11 articles)
- (iii) Journal of Hydraulic Research, 2009, Vol. 47, No. 4 (12 articles)
- (iv) Journal of the Institution of Engineers (India), July 2009, Vol. 90 (1 article)
- (v) International Water Power & Dam Construction, June 2009, Vol. 61, No. 6 (1 article); and July 2009, Vol. 61, No. 7 (2 articles)
- (vi) Proc. of the Institution of Civil Engineers – Water Management, June 2009, Vol. 162, No. WM3 (7 articles); and August 2009, Vol. 162, No. WM4 (4 articles)
- (vii) Journal of Environmental Science & Engineering, July 2009, Vol. 51, No. 3 (6 articles)
- (viii) Journal of Indian Association for Environmental Management, February 2009, Vol. 36, No. 1 (4 articles)
- (ix) World Water and Environmental Engineering, March/April 2009, Vol. 32, No. 2 (2 articles); and July/August 2009, Vol. 32, No. 4 (6 articles)

Book Section – 19 additions; till date 31400 additions have been made to TDS database. The Text Delivery Service (TDS) has received three requests during the period from Australia, Pakistan, and United Kingdom.

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

Events

4th International Conference on Water Resources and Arid Environments during 5-8 December 2010 at Riyadh, UAE. Please visit the website for more details www.icwrae.psipw.org

The Third International Symposium on Soil Water Measurement Using Capacitance, Impedance and TDT, 7-9 April 2010 at Murcia, Spain. For details, please contact: Dr. Ioan Caton Paltineanu ioan@paltin.com and Dr. Juan Vera Munoz jvera@cebas.csic.es, M/s. Paltin International Inc. in cooperation with the CEBAS – CESIC. Website: www.paltin.com

Workshop on “Advances in statistical hydrology” during 23-25 May 2010 at Taormina (Sicily), Italy. Contact: Ms. Sandra Lazzarini, Deptt. of Civil & Environmental Engineering, Italy (E-mail: stahy2010@dica.unict.it), Website: www.stahy2010.dica.unict.it

ASABE's 9th International Drainage Symposium on Sustainable Drainage Water Management in a Changing Environment during 13-16 June 2010, Québec City, Canada. Contact: Dr. Ali Madani, Chairperson, Conference Organizing Committee, ASABE's 9th International Drainage Symposium, Convention Centre, Québec City, Canada, E-mail: amadani@nsac.ca, Website: www.cigr2010.ca

9th International Drainage Symposium during 13-17 June 2010 at Quebec City in Canada. Contact: Philippe Savoe, Chair of the Scientific Committee of XVIIth World Congress of CIGR, E-mail: Philippe.avoie@fsaa.ulaval.ca; Website: www.cigr2010.ca for more details.

The 2010 International Climate Change Adaptation Conference: Climate Adaptation Futures: Preparing for the unavoidable impacts of climate change during 29 June – 01 July 2010, Queensland, Australia. Contact: Prof. Jean Palutikof, Director, National Climate Change Adaptation Research Facility, Australia, E-mail: j.palutikof@griffith.edu.au. More information is available at www.nccarf.ed.au/conference2010

60th IEC and 5th ARC Updates

Less than a month is left when all of us will meet on occasion of 60th International Executive Council (IEC) and 5th Asian Regional Conference (ARC) during 6-11 December 2009 at New Delhi, India. The venue is 'Vigyan Bhawan' near 'India Gate', not far from designated hotels.

Please rush you registration (*if not done earlier*) and make you travel plans final. Online registration is available through website: <http://www.incid2009delhi.org>. You may register yourself upon arrival on 5 December 2009 (Saturday), a day before the Conference begins and the registration continues through the Conference.

We are delighted that INCID is working hard to give ICID events, the importance it rightfully deserves. For instance:

- ❖ The Chief Guest for the Inaugural (10 December 2009) will be the Hon'ble Prime Minister of India, Dr. Manmohan Singh.
- ❖ National Committees display will be on 7th and 8th December 2009. The Exhibition will be inaugurated by the Hon'ble Union Minister for Ministry of Water Resources, Mr. Pawan Kumar Bansal on 9th December 2009.
- ❖ The 'Closing Ceremony' on 11 December 2009 will be graced by Hon'ble Union Minister of Finance, Mr. Pranab Mukherjee, Government of India.

PROGRAM AT A GLANCE

Day/Date	Saturday 5 December 2009	Sunday 6 December 2009	Monday 7 December 2009	Tuesday 8 December 2009	Wednesday 9 December 2009	Thursday 10 December 2009	Friday 11 December 2009	Saturday 12 December 2009
Time (Hours)		09:30-13:15 Registration	09:30-13:15 Registration	09:30-13:15 Registration	09:30-13:15 Registration	09:30-13:15 Registration	09:30-13:15 Registration	09:30-13:15 Registration
Theme 'Knowledge'		WG-HIST (Hall 2 Main Bldg)	WG-TRUE (Room No. 316)	EB-JOUR (Room No. 316)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
Theme 'Basin'		WG-ENV (Hall B Annex)	WG-DROUGHT (Hall 3 Main Bldg)	WG-SDTA & WS (Hall 2 Main Bldg)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
Theme 'System'		WG-POVERTY (Hall A Annex)	WG-CLIMATE (Hall 3 Main Bldg)	WG-WAYS (Hall B Annex)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
Theme 'On-Farm'		WG-POVERTY (Hall A Annex)	WG-CLIMATE (Hall 3 Main Bldg)	WG-WAYS (Hall B Annex)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
RWGs		WG-POVERTY (Hall A Annex)	WG-CLIMATE (Hall 3 Main Bldg)	WG-WAYS (Hall B Annex)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
Task Forces		WG-POVERTY (Hall A Annex)	WG-CLIMATE (Hall 3 Main Bldg)	WG-WAYS (Hall B Annex)	Exhibition Inauguration (09:30 - 09:30 hrs) Technical Sessions (09:30 - 18:00 hrs) (Hall 5 & 6 Main Bldg)	Opening Ceremony (Main Hall - Main Bldg) (09:30 - 10:00 hrs) Technical Sessions (10:30 - 13:15 hrs) (Hall 5 & 6 Main Bldg)	Technical Sessions (09:30 - 17:00 hrs) (Hall 5 & 6 Main Bldg) Closing Ceremony (Main Hall - Main Bldg) (17:00 - 18:00 hrs)	EXHIBITION
Permanent Finance Committee/ Side Meetings	SC 16:00-18:00 hrs (CO, ICID) MB 18:00-20:00 hrs (CO, ICID)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)	TF-WWF5 (Hall 3 Main Bldg)
Special Sessions		ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)	ST-LCB (Room No. 316, Main Bldg)
Receptions		Welcome Reception (19:00-22:00 hrs)	Free Evening	Reception by INCID, Indonesia (19:00-22:00 hrs)	Welcome Reception (19:00-22:00 hrs)	Reception by INCID, Iran (19:00-22:00 hrs)	Reception by INCID, Iran (19:00-22:00 hrs)	Reception by INCID, Iran (19:00-22:00 hrs)

Tea Breaks: Morning Session (11:00 - 11:30 hrs); Afternoon Session (15:45 - 16:15 hrs)

5th Asian Regional Conference PCSPOA Workbodies Task Forces Side Meetings PCTA Workbodies Special Sessions

INTERNATIONAL COMMISSION ON IRRIGATION AND DRAINAGE

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