

63rd IEC / Workbody Meetings, and 7th Asian Regional/IAL Conference
Adelaide, Australia, 24-28 June 2012

TECHNICAL PRESENTATIONS

Day 1: 24 June (Sunday)

Working Group on Drainage (WG-DRG)

- 11th ICID International Drainage Workshop, Cairo (*M.H. Amer, Chairman, ENCID, Egypt*)
- Revolutionary drainage technology 'Capiphon' (*Geoffrey Fenn, Australia*)
- Surface water management in Northern Victoria (*Sam Green, Carl Walters, Mani Manivasakan – Australia*)

Working Group on History of Irrigation, Drainage and Flood Control (WG-HIST)

- Irrigation tunneling in ancient Indonesia - Historical perspective (*VPH A. Hafied A. Gany, Indonesia*)
- Historical background of some present flood management plans in Hungary and in the Netherlands (*VP László G. Hayde, Hungary*)
- What did hydraulic engineers know in the early 18th century? Taking a look at the proposal of Burchard Christof Von Muennich (*Klaus Röttcher, Germany*)
- The Beemster - A drained lake since 400 years (*PH Em. Bart Schultz, Netherlands*)

Working Group on Climate Change and Agricultural Water Management (WG-CLIMATE)

- A recently launched research program on climate change (*Tsugihiko WATANABE, Japan*)

Working Group on On-Farm Irrigation Systems (WG-ON-FARM)

- Economic and agronomic response of industrial crops to drip and hose-reel sprinkler irrigation: Results of a three year research project in north Italy (*Graziano Ghinassi, Italy*)
- "Water use efficiency: A water balance approach" (*VPH Felix Reinders, South Africa*)

Committee on Public Relations and Publications (C-PR&P)

- Irrigation and Drainage Journal (*PH Bart Schultz, Chairman Editorial Board*)

Working Group on Environmental Impacts of Irrigation, Drainage and Flood Control Projects (WG-ENV)

- The Murray-Darling Basin, Australia - Environmental flows or irrigation production? (*Clarke Ballard, Australia*)
- Environmental impacts of rice cropping in Thailand: Combining techno-economic analysis and LCA, towards eco-efficiency analysis (*Sylvain Roger Perret, Thailand*)
- LCA for irrigated sugarcane produced in Pongola, South Africa (*M van der Laan, A Jumman, SR Perret*)
- Assessment of environment-friendly rice farming through life cycle assessment (*N. Hatcho, Y. Matsuno, K. Kochi, K. Nishishita, Japan*)

Working Group on Water Management in Water Stressed Regions (WG-DROUGHT)

- Rainfall harvesting and management in water scarce regions (*C Ballard, Australia*)

Task Force to Guide ICID Inputs to World Water Forum 6 (TF-WWF6)

- Water management challenges to produce sufficient food for an urbanising world (*PH Bart Schultz, Co-coordinator Theme 2.2*)

Working Group on Water Saving for Agriculture (WG-WATS)

- Water saving in agriculture approaches, challenges, and the way forward (*VPH M.H. Amer, Egypt*)
- Improving water use efficiency using the Water Administration System (*Nico Benadé, South Africa*)

Committee on Congresses/Conferences (C-CONGR)

- Committee on Congresses and Conferences Report (*Ian Atkinson, Australia*)
- 21st ICID Congress, 8th Micro-Irrigation Congress and 62nd IEC Meeting (*M. Ehsani, Iran*)
- 64th IEC meeting & 8th ARC of ICID (*Serpil Koylu Dalgin, Turkey*)

Day 2: 25 June (Monday)

Working Group on Use of Poor Quality Water for Irrigation (WG-PQW)

- Reuse of drainage water for water saving and pollution control by cyclic irrigation (*Y. Matsuno, N. Hatcho, K. Kochi, K. Fujii, and K. Kurihara - Japan*)

Joint Workshop on Irrigation, Water Quality and Environmental Flows

- Effects of irrigation with saline groundwater on growth indices and physiological traits on melon in North-West China (*E.Rigg; L. Zong, A. Tedeschi, M.G. Volpe, T. Wang, G. Avola - Italy*)
- Long-term evolution of the salt balance in the Flumen irrigation district, Spain (*Isidoro, D., Dechmi, F., Spain*)
- Monitoring heavy metals in irrigation channels, northern Victoria, Australia, using innovative Artificial Mussels (AM) technology - effects of climate change/climate variability (*Golam Kibria, T.C. Lau and Rudolf Wu*)
- Evaluation of SALTMED model for Amaranth grown under different irrigation strategies (*Pulvento C., Riccardi M., Lavini A., d'Andria R., Ragab R.*)
- Economic implications of meeting environmental flow requirements to in- and off-stream water users: The case of Teesta River, Bangladesh (*Md. Reaz Akter Mullick, Sylvain R Perret, Mukand S Babel*)
- Use of saline water in North West China- A case study (*A. Tedeschi; C.H. Huang; L. Zong, E. Rigg, G. Avola, M.G. Volpe, A. Basile; G. Mele; M. Malinconico; V. Aurilia; X. Xue; T. Wang*)

ICID Journal Editorial Board (EB-JOUR)

- Irrigation and Drainage Journal (*PH Bart Schultz, Chairman Editorial Board*)

Working Group on Comprehensive Approaches to Flood Management (WG-CAFM)

Workshop on Adaptive Flood Management

- The course of flood management activities in Turkey (*Ahmet ŞEREN, Turkey*)
- Adaptive disaster management using flood prevention functions of paddies and irrigation/ drainage facilities in monsoon Asia (*Masumoto T., Minakawa H., Kudo R., Yoshida T. and Horikawa N.- Japan*)
- Infrastructures of flood management adapted to climate change : Experiences of Republic of Korea (*Tai Cheol Kim, Korea*)
- Mapping flood vulnerability of the agricultural sector in the Northern Cape Province, South Africa (*Herman Booysen, South Africa*)
- Lower loddon irrigators recovery package - Increasing resilience of farming communities on the floodplain (*Department of Sustainability and Environment, Australia*)
- Adaptive water management in the Netherlands (*Marcel Marchand, Netherlands*)
- About the 2012 Central Valley Flood Protection Plan (*Maurice Roos, USA*)
- Thailand 2011 flood : A big lesson learned (*VP Chaiwat Prechawit, Thailand*)

Working Group on Modernisation of Irrigation Services (WG-MIS)

- Assessing canal irrigation performances in Punjab, Pakistan: case studies in contrasted governance systems (*Sajjad Ahmad/ Sylvain R. Perret*)

Working Group on Irrigation and Drainage in the States under Socio- Economic Transformation (WG-IDSST)

- Capacity building and human resources development for broader implementation of IWRM in Central Asia (*VPH V.A. Dukhovny, Uzbekistan*)

Working Group on Role of Irrigation in Poverty Alleviation and Livelihoods (WG-POVERTY)

- Role of irrigation in poverty alleviation and enhancement of livelihoods - Proposed concept note (*PH Peter Lee, UK*)

European Regional Working Group (ERWG)

- Water related risks - Inventory of ongoing activities in Europe

Working Group on Water and Crop (WG-CROP)

- Mapping & auditing multiple uses of water services in Krishna Western Delta, AP, India using MASSMUS Methodology (*K Yella Reddy, India*)

Task Force on Financing Water for Agriculture (TF-FIN)

- The economics of irrigated rice in Thailand: What options for financing irrigation? Case studies (*S.R. Perret, D. Jourdain and P. Saringkarn*)
- Case study for South Africa (*VP Gerhard R Backeberg, South Africa*)

Day 3: 26 June (Tuesday)

Task Force on Water for Bio-Energy and Food (TF-BIO-ENERGY)

- Irrigated bio-fuel production in Canada (*VP L. Tollefson, PH C. Madramootoo, Canada*)
- Crop production and water use for bio-fuels in South Africa (*A S Roux, South Africa*)
- The scope of production and usage of bio-fuels in Nepal (*Uttam Raj Timilsina, Nepal*)

Day 4: 27 June (Wednesday)

- Permanent Committee for Technical Activities (PCTA) (*Chair VPH Felix Reinders, South Africa*)

Day 5: 28 June (Thursday)

International Executive Council Meeting (IEC)

- Opening Remarks (*Gao Zhanyi, President*)
- Secretary General's Report (*Avinash Chand Tyagi, ICID Central Office*)
- 12th International Drainage Workshop (RUCID, Russia)
- Special Committee on the Constitutional amendments (*PH Chandra Madramootoo*)
- Permanent Committee on Strategies and Organization, PCSO Report (*VP Ragab Ragab*)
- PCTA Report (*VPH Felix Reinders*)
- Strategy Theme "Systems" (*VP Dr Gerhard Backeberg*)