

Agenda for 2nd GWSP-Asia Network Workshop, June 8-11, 2006, Guangzhou, China

Venue: Guangdong International Hotel

June 8 Keynote speech, joint session with the Conference “Hydrological Sciences for Managing Water Resources in the Asian Developing World”. Keynote speech will last the whole day.

8:00-10:00, Keynote speech

10:00-10:10 Coffee/Tea break

10:20-12:10 Keynote speech

14:00-16:00 Keynote speech

16:00-16:10 Coffee/Tea break

16:10-18:10 Keynote speech

Evening event: Banquet

Prof. Charles VOROSMARTY, and Prof. Changming LIU will present as the GWSP representatives on June 8th.

June 9

8:00-8:30 Opening address Changming LIU (CAS), Eric CRASWELL (GWSP-IPO)

8:30-8:40 Introduction of the 2nd GWSP-Asia Network Workshop, Jianyao CHEN
[Dam/irrigation/water transfer session]

Chairman of morning session: Prof. Dr. **Chenghu ZHOU** (IGSNRR), Dr. **Sharad JAIN** (NIH)

8:40-9:00 Jun XIA, IGSNRR. River eco-problem and rehabilitation approach by water projects management and pollution control: problems & challenges in Huai River Basin

9:00-9:20 Sharad JAIN, National Institute of Hydrology (NIH), India. Cumulative impacts of dams and diversions on hydrologic cycle

9:20-9:40 Chenghu ZHOU, IGSNRR, CAS. Construction of dam/reservoir database in China (TITLE TO BE CONFIRMED).

9:40-10:00 Marcel ENDEJAN, GWSP-IPO. Identification of important dam-related aspects of the global water system

10:00-10:10 Coffee/Tea break

10:10-10:30 Changming LIU/QingWei CHEN/Liqun CHEN, IGSNRR, CAS. Large dams implications for water systems in China /Impacts of Dam Construction on Ecosystem and Dispatches of Ecological Water

10:30-10:50 Joesron LOEBIS, Research Institute for Water Resources, Indonesia. The Effect of Dams Development towards Water Conservation and River Basin Management in Indonesia

10:50-11:10 Suxia LIU, Institute of Geographical Sciences and Natural Resources Research. (IGSNRR, CAS) The Countermeasure of Minimum Ecological Instream Flow Requirements for the areas in Western Route South-to-North Water Transfer Project in China

11:10-11:30 Ranjith Premalal De Silva, University of Peradeniya. Hydrological

Impact Assessment of Large Dams and Associated Land Use Changes – A Case Study in Upper Mahaweli Catchment, Sri Lanka

11:30-11:50 Qu Jiansheng. Lanzhou University. Development of International Dam Information System (IDIS) : Scheme and Feasibility

11:50-12:10 Petrus SYARIMAN, Research Institute for Water Resources, Indonesia. Effect of Sediment Rate at Saguling Reservoir to its Life Time

LUNCH

Chairman of afternoon session: Prof. Dr. **David Dudgeon** (The University of Hong Kong) and Prof. Dr. **Jun XIA** (IGSNRR)

14:00-14:20 David Dudgeon. University of Hong Kong. Conservation of Riverine Biodiversity in Asia: The Challenges of Assessing Ecosystem Requirements for Water and Determining Environmental Flow Allocations (e-flows)

14:20-14:40 Hiroshi ISHIDAIRA, Yamanashi University. Development of geo-referenced global dam and reservoir database for hydrological analysis

14:40-15:00 habil Nguyen Trung DZUNG, Water Resources University. Dam Development in Vietnam and their Social and Environmental Impacts

15:00-15:20 Oloth SENGTAHEUANGHOUNG Enhancing Water Quality through the Better Land Management of Degraded Highland Regions in Northern Lao PDR

15:20-15:40 Hansa Vathananukij. Kasetsart University. MODIS/TERRA demonstrably encompassed upon reservoir.

15:40-16:00 Coffee/Tea Break

16:00-18:00 Discussion for database/research agenda for dams. Chairman: **Marcel ENDEJAN**

Evening event: boat tour in the Pearl River

June 10

[Mega city session]

Chairman of morning session: Prof. Dr. **Felino P. LANSIGAN** and Prof. Dr. **Jingjie YU**

8:00-8:20 Changming LIU, IGSNRR. Water Resources Problems in the First Half of 21st Century in China: A Water Security in Urbanization

8:20-8:40 Makoto TANIGUCHI. RIHN. GWSP-Asia Database – Dam, Coastal zone, and Land Cover/Use Changes

8:40-9:00 Renhua ZHANG, IGSNRR. The quantitative retrieval of transpiration for virescence land in Beijing city using two-layer remote sensing model and TM data

9:00-9:20 Nalin WIKRAMANAYAKE. Sri Lanka.

9:20-9:40 Jiu Jimmy JIAO, The University of Hong Kong. Submarine groundwater, an alternative source of water supply for Hong Kong

9:40-10:00 Ya WANG (Sun Yat-sen University). Virtual water trade from Guangdong Province to Hong Kong.

10:00-10:10 Coffee/Tea break

10:10-10:30 Felino P. LANSIGAN ,Philippines. Water Security and the Environment: Challenges to Growing Mega-Cities in Asia

10:30-10:50 Karen Ann Jago-on, RIHN. Urban Development and Its Impact on Subsurface Environment: Focus on Groundwater Situation in Selected Asian Cities

10:50-11:10 Nazim ALI, Global Change Impact Studies Centre, Pakistan. Climate Change and Water Supply Security in Karachi, Pakistan

11:10-11:30 Jianyao CHEN, Sun Yat-sen University. Urbanization impacts on groundwater quality in the Pearl River Delta

11:30-11:50 Kasdi Subagyono. IAHRI, Indonesia. Soil and water conservation for urban area protection in Indonesia: the role of dams and land management

11:50-12:10 Jingjie YU, IGSNRR, CAS. Urbanization impacts on hydrological processes in Beijing (To be confirmed)

LUNCH Break

Chairman of afternoon session: **Makoto Taniguchi, Jianyao CHEN**

14:00-14:20 Zhongqin LI. Title to be confirmed

14:20-14:40 K.P. SUDHEER, Indian Institute of Technology Madras. Ground Water Perspective of Chennai: a Coastal City in India.

14:40-15:00 Yan ZENG, Jiangsu Institute of Meteorological Sciences, Nanjing. Changes of Pan Evaporation in the recent Years in China

15:00-15:20 Yameen MEMON, Management & Development Center (MDC). Pakistan. Effect of Water Scarcity on the Indus Delta Ecoregion

15:20-15:40 Coffee/Tea Break

15:40-17:40 Discussion on database/research agenda for mega city. Chairman: **Eric Craswell**

17:40-18:00 reports from the discussions of dam/mega city

18:00 Close

June 11 Excursion to Zhuhai