“Groundwater Governance: A Global Framework for Action” Project

Fourth Regional Consultation: Asia and the Pacific Region

3–5 December 2012
Shijiazhuang, China

地下水管理项目

亚洲及太平洋地区区域咨询

2012 年 12 月 3-5 日
石家庄，中国

FINAL AGENDA
“Groundwater Governance: A Global Framework for Action” Project

Fourth Regional Consultation:
Asia and the Pacific Region

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Shijiazhuang, China

Hosted by the Institute of Hydrogeology and Environmental Geology (IHEG), Shijiazhuang, China

Under the Auspices of Ministry of Land and Resources of the People’s Republic of China

With the support of the China Geological Survey (CGS)

Co-sponsored by the Chinese Academy of Geological Sciences (CAGS)

With the Contribution of the National Centre for Groundwater Research and Training (NCGRT), Australia

MONDAY 3 DECEMBER

09:00–10:00 Opening Ceremony

Master of Ceremony: Mr Wang Xiaolie – Director of Chinese Academy of Geological Sciences

- Mr Wang Min – Vice-Minister, Ministry of Land and Resources of People’s Republic of China
- Mr Yu Wankui – Vice Secretary General of Hebei Province
- Mr Mohamed Bazza – Food and Agriculture Organization of the United Nations - FAO
- Mr Jayakumar Ramasamy – UNESCO Beijing Office
- Mr Shammy Puri – Secretary General of the International Association of Hydrogeologists - IAH
- Mr Hongpeng Liu – United Nations Economic and Social Commission for Asia and the Pacific - UNESCAP
- Mr. Liping Jiang – World Bank
- Mr Shi Jiansheng – President of the Institute of Hydrogeology and Environmental Geology - IHEG
10:00–10:30  Coffee Break and Group Photo

10:30–13:00  Plenary Session 1 – Setting the Scene of the Groundwater Governance

10:30–11:00  Presentation of the Groundwater Governance Project

  Chair: *Andrea Merla* (International Expert)
  Rapporteur: *Majid Labbaf* (International Expert)

  - Video message: *From Amman to Shijiazhuang* 5'
  - Presentation of the Objectives of the Project – *Mohamed Bazza* (FAO) and *Alice Aureli* (UNESCO) 15'

10:50–11:00  Questions and Answers 10'

11:00–12:15  Governance of Groundwater Resources: National and Regional Experiences

  - Water Resources in the ESCAP Region – *Hongpeng Liu* (UNESCAP) 15'
  - The National Water Initiative – A Governance Framework for Australia – *Neil Power* (National Groundwater Sub Group in Australia) 15'
  - Groundwater Crisis and Governance in China (special focus on the North China Plain) – *Jie Liu* (University of Peking / ICGW, IAHS) 15'

12:15–13:00  Knowledge sharing and awareness raising on groundwater

  - Communications and project visibility – *Stéfanie Neno* (FAO) 10'

12:40–13:00  Questions and Answers 20'

13:00–14:00  Lunch Break

14:00–15:15  Plenary Session 2 – Groundwater Governance: Focus on Legislation and regulation

  Chair: *Al Duda* (UNESCO-International Groundwater Resources Assessment Centre - IGRAC) and *Ivan Zavadsky* (Global Environment Facility - GEF)
Rapporteur: **Huade Guan** *(National Centre for Groundwater Research and Training – NCGRT, Australia)*

- Groundwater in the Domestic Legislation of Selected Asian Countries – **Stefano Burchi** *(International Law Association - AIDA)* 15’
- Integrating Science, Participation and Legislation for Robust Groundwater Governance in India – **Himanshu Kulkarni** *(Advanced Centre for Water Resources Development and Management, India)* 15’
- Strengthening the Institutions and Regulations, and to Increase R&D Activities: Focus on Malaysia – **Saim Suratman** *(National Hydraulic Research Institute - NAHRIM, Malaysia)* 15’
- The Groundwater Pricing and Regulation in Jakarta Area, Indonesia – **Robert Delinom** *(Indonesian Institute of Sciences - LIPI, Indonesia)* 15’

15:00–15:15 **Questions and Answers** 15’

**15:15–16:15 Plenary Session 3 – Governance of Shared Water Resources: International River Basins and Transboundary Aquifers**

Chair: **Stefano Burchi** *(AIDA)*
Rapporteur: **Gabriel Eckstein** *(Texas Wesleyan University, USA)*

- Groundwater Resources and Transboundary Aquifers in Asia – **Han Zaisheng** *(China Geological Survey – International Shared Aquifers Resources Management - ISARM, Asia)* 15’
- The ISARM Programme and UNILC Draft Articles on the Law of Transboundary Aquifers (UNGA Resolution A/Res /63/124) – **Shammy Puri** *(IAH)* 15’
- INBO in Asian International River Basins: Groundwater Governance and IWRM – **Eduard Boinet** *(International Network of Basin Organizations – INBO)* 15’

16:00–16:15 **Questions and Answers** 15’

16:15–16:30 Coffee Break

**16:30–18:30 Break Out Session**

- **Working Group 1 – Groundwater Governance : Agriculture and the Expanding Food Demand**
  Facilitator: **Satya Priya** *(FAO)*
  Rapporteur: **Jiang Liping** *(World Bank)*

- **Working Group 2 – Groundwater Governance: Climate Change and and Natural Hazard**
  Facilitator: **Wenbin Zhou** *(Nanchang University, China)*
Rapporteur: Jaroslav Vrba (International Expert)

- **Working Group 3 – Groundwater Governance: Construction of Wells and Wellfields: Exploring Relations between the Regulators and the Regulated**
  Facilitator: Shammy Puri (IAH)
  Rapporteur: John Chilton IAH

19:00 **Welcoming dinner** offered by the Ministry of Land and Resources of the People’s Republic of China

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**TUESDAY 4 DECEMBER**

09:00–11:00 **Plenary Session 4 – Groundwater Governance: Enhancing Capacity in Groundwater Resources Monitoring, Management of Aquifer Recharge and Conjunctive Uses**

  Chair: Mohamed Bazza (FAO)
  Rapporteur: Geert-an Nijsten (IGRAC)

  - GEF-World Bank Project in the Hai He Basin, China – **Liping Jiang** (Word Bank Beijing) 15’ and Latest Developments of Remote Sensing Technology to Measure Consumptive Use of Water (ET) to Monitor the Net Withdrawal of Groundwater – **Bingfang Wu** (Chinese Academy of Sciences) 10’
  - Groundwater Governance and Management of Recharge / Discharge Processes and Aquifer Equilibrium States – **Peter Dillon** (IAH) 15’
  - Groundwater Governance and Conjunctive Use - The Need for a New Focus on an Old Paradigm – **Richard Evans** (IAH) 15’
  - Groundwater Governance in Nepal – **Prem Chandra Jha** (IHP National Committee, Nepal) 15’
  - Groundwater Governance in the Zhengzhou Region – **Jin Menggui** (China University of Geosciences) 15’

10:25–11:00 **Debate, facilitated by Shammy Puri (IAH)** 35’

11:00–11:30 **Coffee Break**

11:30–13:00 **Plenary Session 5 – IWRM and Groundwater Governance: Focus on Natural Hazards and Climate Change**

  Chair: Craig Simmons (NCGRT, Australia)
Rapporteur: John Chilton (IAH)

- Integrated Water Resources Management and Groundwater Governance – Kenzo Hiroki (International Centre for Water Hazard and Risk Management – ICHARM, Japan) 15’
- Climate Change as a Catalyst for Better Groundwater Governance – Upali Imbulana (Consultant Engineer, Sri Lanka / Former GWP Coordinator South Asia) 15’ TBC
- Adapting Participatory Groundwater Management to Climate Variability and Change in Andhra Pradesh, India – Satya Priya (FAO India) 15’
- Groundwater Governance in Emergency Situations in Asia – Wenbin Zhou (Nanchang University, China) 15’ and GWES Project Contribution to Governance – Jaroslav Vrba (UNESCO GWES / IAH) 10’

12:40–13:00 Questions and Answers 20’

13:00–14:00 Lunch Break

14:00–15:15 Plenary Session 6 – Groundwater Governance and SIDS

Chair: Phil Crawley (Ministry of Public Works & Utilities- MPWU, Kiribati)
Rapporteur: Louise Whiting (FAO)

14:00–15:15 Joint Presentation on Challenges and Opportunities in Groundwater Governance in Pacific Islands countries – Taaniela Kula (Ministry of Lands, Environment, Climate Change and Natural Resources, Tonga), Reenate Willie (Ministry of Public Works and Utilities, Kiribati) and Dave Hebblethwaite (Secretariat of the Pacific Community - SPC)

15:15–15:30 Coffee Break

15:30–16h30 Out of session: IAH meeting
(Interested participants can take part at the IAH Meeting)

16:30–18:30 Break Out Session

- Working Group 4 – Groundwater Governance and National and Regional Legal Settings
  Facilitator: Stefano Burchi (AIDA)
  Rapporteur: Gabriel Eckstein (Texas Wesleyan University, USA)

- Working Group 5 – Groundwater Governance: MAR and Conjunctive Management of Groundwater and Surface Water
Facilitator: Richard Evans (IAH)
Rapporteur: Peter Dillon (IAH)

- Working Group 6 – Small Islands and Groundwater Governance
  Facilitator: Al Duda (UNESCO-IGRAC)
  Rapporteur: Dave Hebblethwaite (Secretariat of the Pacific Community - SPC)

WEDNESDAY 5 DECEMBER

08:30–09:00  Plenary Session 1 – (contd.)

- Present State of Groundwater Governance in Asia – Tadashi Tanaka (UNESCO Chair in Sustainable Groundwater Management, University of Tsukuba, Japan) 15’
- Groundwater Governance: Implications from Urban and Peri-urban Context / APWF Knowledge Hub – Yatsuka Kataoka (Institute for Global Environmental Strategies - IGES) 15’

09:00–10:30  Plenary Session 7 – Groundwater Governance: National and Regional Experiences; Focus on Networking and Capacity Building

Chair: Jiansheng Shi (Director IHEG)
Rapporteur: Louise Whiting (FAO)

- The Practice of Groundwater Governance in Hebei Province, China – Xu Zhenci (Global Water Partnership - GWP, China) 15’
- Groundwater Governance in Mongolia – Lunten Janchivdorj (UNESCO Chair on Sustainable Groundwater Management, Mongolia) 15’
- Groundwater Resources in Vietnam: Governance and Future Challenges – Do Tien Hung (Ministry of Natural Resources and Environment, Vietnam) 15’

09:45–10:15  Questions and Answers 30’

10:15–10:45  Coffee Break

10:45–12:30  Plenary Session 8 – Groundwater Governance: From Local to Regional Visions; Focus on Institutions Engaged in Groundwater Governance
Chairs: Andrea Merla  
Rapporteur: Craig Simmons (NCGRT, Australia)

- Groundwater Governance in the Region: IWRA Perspective and Overview of its Role and Activities – Tom Soo (International Water Research Association - IWRA) 15’
- Curbing Groundwater Depletion by Implementing Precise Control – Jiansheng Shi (Director IHEG) 10’
- Institutions, Monitoring, Pricing and Regulations – Groundwater in Korea – Namsik Park (Dong-A University, Republic of Korea) 10’
- Private Groundwater Markets in Urban Hyderabad, India – Issues and Concerns – Anjal Prakash (SACI Waters, India - CAP-Net Partner) 10’
- Water Governance in the Philippines and Some Thoughts on Governance – Guillermo Tabios (University of the Philippines) 10’
- How Groundwater Governed in the Central Plateau of Iran from 1987 to 2006: A Personal Experience as the Managing Director of Yazd Regional Water Authority – Majid Labbaf (International Centre on Qanats and Historic Hydraulic Structures, Iran, on behalf of Ali Asghar Semsar-Yazdi ) 10’
- Approaches to Karst Governance – Jianhua Cao (UNESCO International Research Center on Karst – IRCK, China) 10’
- Coupling Mechanism and Evaluation System between Groundwater, Environment and Social Economy in North China Plain – Xiangfang Song (Chinese Academy of Geological Sciences / IHEG) 10’
- To Promote Groundwater Governance Needs to Understand Groundwater in Aquifers – Dongguang Wen (China Geological Survey / IHEG) 10’

12:30–13:30 Lunch Break

13:30–16:00 Visit of the Institute of Hydrogeology and Environmental Geology (IHEG)

16:00 The working group reports will be presented during the closing session. PPT Presentations and written reports should be provided to the UNESCO secretariat by 15h30.

16:00–17:45 Plenary Session 9 – Closing Session

Chair: Mohamed Bazza (FAO)  
Facilitator: Alice Aureli (UNESCO)  
Rapporteur: Craig Simmons (NCGRT)
16:00–16:15  Synthesis of the Questionnaires – *Laki Kondylas* *(NCGRT)*

16:15–17:15  **Recommendations: Setting up the Framework for Action (FA)**
Reports of the Breakout Sessions: Presentation on the Outcomes of the six Working Groups Sessions (10’ each)

17:15–17:45  General Debate and Recommendations 30’

**17:45–18:15  Closing Messages**

*Chair: Jiansheng Shi* *(Director IHEG)*
*Rapporteur: Laki Kondylas* *(NCGRT)*

Messages from:
- GEF, IAH, World Bank, UNESCO, FAO, IHEG

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