



Rural Water and Food Security
An action supported by the European Union



PI RURAL Groundwater Policy Dialogue

Water Saving Groundwater Quantity Management

hosted by

University of Jinan 2019 International Groundwater Symposium

Jinan 27-30 June 2019

A 2-day symposium and workshops to develop a program of measures and resulting groundwater saving policy recommendations to regulate and restore depleted aquifers, followed by 2 days of optional site visits.

Day 1 AM: Opening and key note speeches (International)
PM: Presentations mainly by invited Chinese experts

Day 2 AM: PI RURAL Groundwater Policy Dialogue Seminar – Session 1&2
PM: PI RURAL Groundwater Policy Dialogue Seminar – Session 3&4
PM: Visit to Jinan Springs
PM: PI RURAL Dinner

Day 3 : Site visit to Dezhou County on North China Plain
(Optional: Departure from Dezhou to Beijing for evening flights)

Day 4 AM: Wrap up with Water Research Institute of Shandong Province
Feed-back to Shandong Department of Water Resources

In the program: **BOLD RED FONT indicates speakers, who have accepted the invitation.**

Day 1 Thursday 27. June

University of Jinan 2019 International Groundwater Symposium

Time	Title	Presenter
MORNING PROGRAM (Simultaneous Translation)		
Chairs: Director NN Europe		
PI RURAL PROPOSES THE FOLLOWING OPENING AND KEY NOTE SPEECHES		
	"Managing over-pumped aquifers - a road to sustainable water use" Case study: Guantao County – Hebei Province	Professor Wolfgang KINZELBACH ETH Zürich
	Geophysical and geochemical optimisation of Managed Aquifer Recharge	Professor Esben Auken (TBC) Aarhus University and Professor Jens AAMAND GEUS
	Road to Recovery Action Plan for Groundwater Resources Recovery	Mr Lars Skov ANDERSEN China Resources Management PI Rural WP2 Coordinator
AFTERNOON PROGRAM (Simultaneous Translation)		
Chairs: Director NN Europe		
TO BE PREPARED BY UNIVERSITY OF JINAN		

Day 2 Friday 28. June – PI RURAL Groundwater Policy Seminar

Time	Title	Presenter
MORNING PROGRAM (Simultaneous translation or English only)		
Chairs: Ms. WANG Liyan, Swiss Development Cooperation, Embassy of Switzerland, Beijing (TBC) Professor Huang Bo, Head of Water and Environment, University of Jinan (TBC)		
SESSION 1 POLICY		
09:00 – 09:15	Welcome Speech by EU Delegation or PI RURAL Program Manager	Mr Stéphane Bauguil (TBC) EU Delegation, Beijing or Mr Bjørn Kaare Jensen
09:15 – 09:30	MWR Policies on Groundwater Demand Management	NN (TBC) MWR International Economic and Technical Cooperation Exchange Centre (IETCEC)
09:30 – 09:50	Water Saving Demand Management Policies, Measures and Impacts A cross-sectoral review of approaches to Water Resources Demand Management	Dr Martin Stavenhagen (TBC) Institute of Water Policy, National University of Singapore
09:50 – 10:10	Impact of water on economy and investors	Dr XU Yuanchao China Water Risk
10:10 – 10:30	Water Saving by Resource and Supply Demand Management – 30 year history of Denmark	Mr Bjørn Kaare Jensen Chief Adviser, GEUS Professor Esben Auken (TBC) Aarhus University Mr Lars Skov Andersen China Resources Management
10:30 – 10:50	“New Integrated Measures for Governing Groundwater Overdraft and Logic of Water Pricing Policy”	Dr SUN Tianhe Hebei University of Economics and Business
Optional	Water pricing policy for Shandong Province	Professor Li Fulin (TBC) Water Research Institute of Shandong Province
10:50 – 11:10	Morning Tea and Coffee	
10:20 – 10:30	Discussion	
SESSION 2 TECHNOLOGICAL MEASURES		
11:10 – 11:30	Hydro-Economic Modelling of Water Saving and Allocation Policies on the North China Plain	Dr Grith Martinsen Sino-Danish Centre at GUCAS and Technical University of Denmark

Time	Title	Presenter
11:30 – 11:50	New geophysical tools for survey and assessment of groundwater resources – SkyTEM and Apsu	Professor Esben Auken (TBC) Water Technology Centre, Aarhus University
11:50 – 12:10	Managed Aquifer Recharge	Dr Jens Aamand Geological Survey of Denmark and Greenland
12:10 – 12:20	Discussion	
12:20 – 12:30	Wrap-up of morning sessions	Chairs
12:30 – 13:30	Networking Lunch	
AFTERNOON PROGRAM (Simultaneous translation or English only)		
Chairs: Professor Li Fulin, Deputy Director General, Water Research Institute of Shandong Province Mr Björn Kaare Jensen, Chief Adviser, Geological Survey of Denmark and Greenland (GEUS) NN Europe, PI RURAL Program Director		
SESSION 3 ADMINISTRATIVE MEASURES		
13:30 – 13:50	Government approach to groundwater quantity management	Dr Chen Ying (TBC) MWR Water Resources Management Centre
13:50 – 14:10	A Red-line Based Decision Support System for Groundwater Management in Guantao, North China Plain	Dr Yu Li ETH Zürich
14:10 – 14:30	Optimising Water Saving Policy using Quantity and Price Control Mechanisms	Dr Zhong Shuai Institute of Geographic Sciences and Natural Resources Research
14:30 – 14:40	Pick up afternoon Tea and Coffee	
SESSION 4 SOCIAL BEHAVIOURAL MEASURES		
14:40 – 15:00	Groundwater Data Management The MWR – MEE Joint Groundwater Data Management Centre	Dr Yin Xiulan China Institute of Geo- Environmental Monitoring
15:00 – 15:20	Village-level monitoring and management of groundwater resources	Professor Wolfgang Kinzelbach ETH Zürich
15:20 – 15:40	Evaluation of water-saving reform projects in the Hetao Irrigation District, Yellow River Basin	Dr Yao Jingwei (TBC) Yellow River Institute of Hydraulic Research
Optional	The Water Game	Dr Yu Li ETH Zürich

Time	Title	Presenter
CLOSURE		
15:40 – 16:00	Summary	Mr Björn Kaare Jensen Chief Adviser Geological Survey of Denmark and Greenland
16:00 – 18:30	Site visit to Jinan Karst Springs	
19:00	PI RURAL Dinner	

In coffee room set up TV to run the YiXi talk by Professor Wolfgang Kinzelbach.

<https://v.qq.com/x/page/c0640zi27jf.html>

- and a laptop to run the Water Game

<https://savethewater-game.com>

Day 3 – Knowledge Exchanges with provincial, municipal or county government staff (Consecutive translation)

Visit to Dezhou County on the North China Plain to learn main groundwater saving challenges at county level (Tentative)

To be arranged by Water Research Institute of Shandong Province

Day 4 – Wrap-up (Optional for PI RURAL Experts)

Wrap-up at Water Research Institute of Shandong Province

Feed-back to Shandong Department of Water Resources (Optional)

Arranged by Water Research Institute of Shandong Province.