



**EMBASSY OF THE KINGDOM
OF DENMARK**
Beijing



MAR CHINA

WORKSHOP ON MAR IN CHINA

ONLINE MEETING - CHINA-DENMARK

MARCH 22ND 2021

DENMARK (8:00-11:40) - CHINA (15:00-18:40)

The Danish Embassy in Beijing cordially together with co-organiser Danish Environmental Protection Agency invites you to participate in online water talks on the World Water Day, March 22nd 2021!

The theme of World Water Day 2021 is Valuing Water. As Denmark relies on groundwater for 100 % of its water supply, we value our groundwater dearly. We are very pleased that our Chinese partners share the same view on the value of groundwater. It is thus very fitting that we celebrate World Water Day by sharing new research findings on Managed Aquifer Recharge (MAR) in China, to demonstrate its potential for climate proofing the challenged groundwater supply.

MAR is the purposeful recharge of water to aquifers for subsequent recovery or for environmental benefit. MAR is one of the tools used by water managers, developers, and others to provide water supply resiliency, helping balance out the seasonal and periodic decreases in water availability. We have gotten very good at pumping the water out of our underground reservoirs, or aquifers. Now MAR, which is a well-developed green technology, has become increasingly important not only to enhance our abilities to increase recharge for water security, but also to recycle treated waste water for multiple end use purposes.

Water resource management is a part of the Strategic Sector Cooperation between Denmark and China. We hope you will join the workshop and contribute to a fruitful discussion on water management and the use of MAR as a tool in water management.



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**Ministry of Environment
of Denmark**
Environmental
Protection Agency



Programme

15:00 -15:10 Welcome speech

By Marie Louise Flach de Neergaard, Minister Counsellor, Embassy of the Kingdom of Denmark

I. MAR to meet China's 21st century water challenges

- 15:10 - 15:25 1. Tackling Water Security Challenges in Beijing-Tianjin-Hebei Region (Yong Zhao & Xin He)
- 15:25 - 15:40 2. Progress of MAR in China (Weiping Wang)
- 15:40 - 16:05 3. Water Reuse in China: Current status, policies and Experience (Yin-hu Wu)
- 16:05 - 16:20 4. Managing Aquifer Recharge: A showcase for Resilience and Sustainability (Yan Zheng)
- 16:20 - 16:30 Q/A session

16:30 -16:40 BREAK

II. Science and Governance for MAR in China

- 16:40 - 16:55 1. Groundwater Modelling for MAR in the North China Plain (Simon Stisen)
- 16:55 - 17:10 2. Reclaimed Water for MAR: Managing conventional and emerging water quality risks (Yunjie Ma)
- 17:10 - 17:25 3. Developing Technical Guidelines for MAR in Beijing-Tianjing-Hebei- Region (Binghua Li)
- 17:25 - 17:35 Q/A session

III. MAR Innovation

- 17:35 - 17:50 1. Progress of Sino-Danish Strategic Sector Cooperation on Water and Environment (Cheng Zhang)
- 17:50 - 18:05 2. Pingtan Island - SSC - a case site presentation (Anna Maria Nielsen)
- 18:05 - 18:20 3. A MAR test facility (Bjørn Kaare Jensen)
- 18.20 -18:30 Q/A session
- 18:30 -18:40 Concluding remarks (Peter Dillon)

Moderator Anne Jensen, Sector Counsellor, Embassy of the Kingdom of Denmark. Beijing

All presentations and talks will be in English with no interpretation .

The workshop will be held Online via Zoom

- details will follow after signing up

RSVP 17th March 2021 to Meizhu Hong, meihon@um.dk



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RESEARCH PARTNERS & ORGANISATIONS



**International Association
of Hydrogeologists**
the World-wide Groundwater Organisation