

The 25th East Asia Round Table Meeting and Symposium (EA-RTM)

Agenda

2022.11.07

Symposium on Prevention and Mitigation of Disasters as Climate Change Adaptation

9:30 Opening Remarks

Yuko Harayama, EAJ Distinguished Fellow

Oh-Kyong Kwon, NAEK President

Wang Chen, CAE Vice President

9:45- Keynote Speech: “The Climatic Risk Boundaries and Adaptation”

Prof. Taikan Oki, University of Tokyo

10:00- Session 1: Frontiers of flooding prediction and flood control in the river basin

1. “Development of Today’s Earth: A global to regional simulator of terrestrial hydrological cycles”

Professor Kei Yoshimura, Institute of Industrial Science, the University of Tokyo (EAJ)

2. “Flood Assessment and Mitigation to Support Flood Control in the Soemjin River Basin, Korea”

Dr. Joonwoo Noh, K-water Research Institute, Korea Water Resources Corporation (NAEK)

3. “Historical and future changes in droughts, floods and abrupt drought-flood shifts in a warming climate”

Professor Yang Dawen, Tsinghua University (CAE)

Q&A, Discussion(10min)

11:15- Session 2: Frontiers of landslide disaster prediction and damage reduction measures

1. “Climate Change-induced landslide and debris flow Prediction and Countermeasures in Korea”

Professor Sangseom Jeong, School of Civil and Environmental Engineering, Yonsei University (NAEK)

2. “Challenges and Strategies of Risk Mitigation on Catastrophic Landslides in China”

Dr. Yin Yueping, Chief Geologist, China Institute of Geo-Environment Monitoring, China Geological Survey (CAE)

3. “Influences of long-term changes related to forest vegetation and heavy rainfall characteristics on sediment-related disasters in Japan”

Professor Yasuhiro Shuin, Kyushu University (EAJ)

Q&A, Discussion(10min)

12:20- Lunch/Break Time

14:00- Session 3: Other advanced measures for prediction and mitigation of water hazards

1. “From Resolute Flood Defense to Active Flood Diversion: Practices and Challenges of Flood Risk Management”

Dr. Cheng Xiaotao, former deputy chief engineer, Chinese Academy of Water Sciences (CAE)

2. “Future changes and adaptation to coastal hazards due to climate change”

Professor Nobuhito Mori, Disaster Prevention Research Institute, Kyoto University (EAJ)

3. “Other Advanced Measures for Prediction and Mitigation of Natural Disasters”

Professor Hungsoo Kim, Department of Civil Engineering, Inha University (NAEK)

Q&A, Discussion (10min)

15:05 Closing