



Public Forum
ID:165

Extreme Natural Disaster due to Climate Change – Utilizing big data and risk communication

Time: 18:00 – 20:00, March 15, 2015

Location: Sendai Civic Center

Opening Comment:

18:05 – 18:10 **Dr. Makoto Okumura**
(Deputy Director, International Research Institute of Disaster Science, Tohoku University, JAPAN)

Part 1 : Large Scale Disasters by Climate Change

18:10 – 18:25 **Hydrologic Impacts of Climate Change : Scale Issues and Uncertainties**
Dr. Samuel Lee (US DOE Federal Energy Regulatory Commission, USA)

18:25 – 18:40 Dr. Tsuyoshi Nakatani
(Senior Researcher, National Research Institute for Earth Science and Disaster Prevention, JAPAN)

18:40 – 18:55 **Use of Big Data to mitigate risk related to natural disasters affecting water bodies**
Dr. Ravi Mathi (Aquritas LLC, USA)

18:55 – 19:10 **Land Degradation Caused by Human Activities
- Case Study: Shihezi (Manas River Basin), Xinzhang, China**
Dr. Roy Park (R.Park and Associates Inc., CANADA)

19:10 – 19:25 **Climate change and agricultural productivity**
Dr. Yong Hee Shin/ Dr.Kyungwon Park / Dr. Yongchul Shin
(APEC Climate Center, KOREA)

19:25 - 19:40 **Innovative disaster management system in Japan
- Experience from Ishinomaki city -**
Dr. Muneyoshi Numada (Lecturer, Tokyo University, JAPAN)

Part 2 : Discussion

19:40 – 19:50 Facilitator: **Dr. Aiko Sakurai**
(Associate Professor, International Research Institute of Disaster Science, Tohoku University, JAPAN)

Closing Remarks:

19:50 – 19:55 **Dr. Tsuyoshi Nakatani**
(Senior Researcher, National Research Institute For Earth Science and Disaster Prevention, JAPAN)

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