

Symposium on Natural Disaster Management

~ Lessons from the Great East Japan Earthquake and Prospects for the Future ~

Organized by
The Consulate General of Japan in Seattle
and
UW-TU:AOS Thrust-3 Natural Disaster and Hazard

Supported by Core Research Cluster of Disaster Science, Tohoku University

February 23 (Friday), 2018
9:00am-5:00pm
Petersen's room in Allen Library
University of Washington

General moderator: Prof. Fumio Ohuchi, UW-TU:AOS Director, University of Washington

1. 9:00 ~ 9:20 Opening Remarks

- Mr. Yoichiro Yamada Consul General, Consulate General of Japan in Seattle
- Prof. Fumihiko Imamura Director of International Research Institute for Disaster Science (IRIDeS), Tohoku University
- Prof. Azita Emami Dean of Nursing School, University of Washington
- Mr. Robert Ezelle Director of Washington State Emergency Management

2. 9:20 ~ 11:20 Sharing of Experience and Lessons from the Great East Japan Earthquake

- Prof. Fumihiko Imamura (IRIDeS, Director, Tohoku University)
The 2011 Great East Japan Earthquake: What Happened in Tohoku?
- Mr. Hideki Matsuzaki (Ex-mayor of Urayasu-City)
Liquefaction in Urayasu City: Damage and Countermeasures
- Mr. Yasuyuki Muraguchi (Chief, Post-Disaster Reconstruction Department, City of Sendai)
Reconstruction of Sendai City
- Prof. Elizabeth Maly (IRIDeS, Assistant Professor, Tohoku University)
Post-Disaster Housing Recovery in Japan and Key Issues after the GEJE

3. 11:20 ~ 12:10 Medical and Public Health Issues

- Prof. Shinichi Kuriyama (IRIDeS, Professor, Tohoku University)
Challenge of Public Health to Disaster: Using Public Health Approach and Artificial Intelligence Techniques
- Prof. Pamela Kohler (UW, UW Center of Global Health Nursing)
US Health Systems for Disaster Response

12:10 ~ 13:10 Lunch

4. 13:10 ~ 15:45 Specific Initiatives: Current and future

- Mr. Atsushi Kato (Japan Toilet Institute)
Dealing with the “Toilet Problem” in Disaster Shelters
- Prof. Tetsuya Torayashiki (IRIDeS, Assistant Professor, Tohoku University)
Emergency Toilet Management from a Viewpoint of Business Continuity
- Joint Presentation by King County and Seattle Public Utilities
Ms. Sonia Abenojar (King County), Ms. Teresa Platin (HDR, Inc.)
Mr. Bill Wells (Seattle Public Utilities), and Mr. Bill Bishop (King County Board of Health)
Regional Utility System Plan and Challenges
- Dr. Tetsuya Mizutani (Director of Sewerage Pipeline Construction Section, Construction Bureau, City of Sendai)
Asset Management System Contributing to Disaster Risk Reduction: Experience and Challenges at Sendai Wastewater Utility
- Prof. Ann Bostrom (Public Policy & Management, Evans School, University of Washington)
Science of Risk Perception and Risk Communication
- Prof. Izumi (IRIDeS, Associate Professor, Tohoku University)
Towards the Implementation of the Sendai Framework for Disaster Risk Reduction: Expectation and Role of Academia and its Initiatives

5. 15:45 ~ 16:30 Discussion and Closing Remarks

Discussion moderators:

Prof. Fumio Ohuchi (Executive Director UW-TU: Academic Open Space)

Prof. Masahiro Yamaguchi (Associate Executive Vice President, Tohoku University)

Reception to follow at the Official Residence of the Consulate General of Japan (Queen Anne)