

## IRIDeS members join “Project Definition Workshop on M9 Disaster Science” TU-UW collaborative research meeting in Seattle (2019/3/13-2019/3/15)

Themes: International collaboration, 2011 Great East Japan Earthquake, Cascadia Earthquake  
 Place: University of Washington (USA, Seattle)

As part of the activities between the University of Washington and Tohoku University: Academic Open Space (UW-TU), the “Project Definition Workshop on M9 Disaster Science” was held March 13-14, 2019 at the University of Washington in Seattle with participation of researchers from Japan, the U.S., and the Chilean Research Center for Integrated Disaster Risk Management ([CIGIDEN](#)) in Chile. The goal of this two-day workshop was to initiate new international collaborations on particular aspects of M9 Disaster Science, topics related to a Magnitude 9 subduction zone earthquake and the resulting tsunami and landslides. Topics addressed included: 1) Observations and early warning; 2) Remote sensing; 3) Planning and risk assessment; 4) Tsunami modeling; 5) Landslide/rockslide modeling; 6) Subduction zone seismology, tsunami sources, PTHA; and 7) Structural engineering.

Participants from IRIDeS included: Professor Kenjiro Terada, Associate Professor Shuji Moriguchi, Research Associate Yuya Yamaguchi of Regional and Urban Reconstruction Research Division, Professor Shunichi Koshimura, Associate Professor Anawat Suppasri, Associate Professor Erick Mas of Hazard and Risk Evaluation Research Division, Associate Professor Yo Fukushima of Disaster Science Research Division, and Associate Professor Elizabeth Maly of Disaster Information Management and Public Collaboration Division.

In groups, workshop participants discussed potential research collaborations based on their shared research interests in the following groups, and as the outcome of the workshop, each group presented their goals and plans for the next steps in research collaboration, including leading up to the next UW/TU research collaborative meeting planned for a session at the World Bosai Forum to be held in November 2019 in Sendai.

Following the workshop, IRIDeS members joined a field excursion on 3/15 to Port Townsend and Discovery Bay areas of Washington State to observe tsunami deposits from historical tsunamis, including the 1700 orphan tsunami.



Text and Photos: Liz Maly (Disaster Information Management and Public Collaboration Division)  
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Photos of the workshop



Photos of site visit