

IRIDeS faculty visited University College London (UCL) (2020/2/20-27)

Theme : Disaster mitigation, international collaboration, joint publication

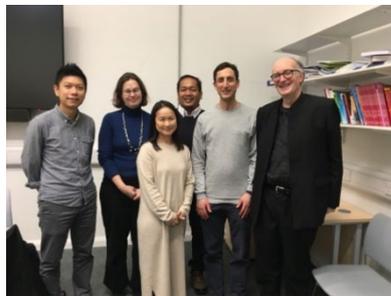
Place : University College London (UCL)

Collaboration on disaster science between Tohoku University's IRIDeS and UCL's Institute for Risk and Disaster Reduction (IRDR) started in 2012 and has resulted in a number of joint publications in topics related to civil engineering. More joint research activities in the fields of social science and disaster management have been ongoing in recent years while having various support including that of the Tohoku University-UCL matching funding. One of the current main topics for joint research is cascading disasters; this theme was a main focus of research meetings and discussions during this UCL visit by Prof. Yasuaki Onoda (Disaster Information Management and Public Collaboration Division), Assoc. Prof. Anawat Suppasri (Hazard and Risk Evaluation Research Division) and Assoc. Prof. Elizabeth Maly (Disaster Information Management and Public Collaboration Division) during 20-27 February 2020.

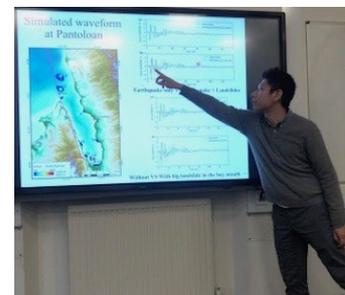
This visit included various research meetings, exchanges and discussions. A joint workshop with IRDR colleagues including Prof. David Alexander, Dr. Gianluca Pescaroli and Dr. Carmine Galasso was held to brainstorm ideas of collaborative research on applying the concept of cascading disasters to medical facilities affected by the 2011 tsunami that will be conducted in 2020 fiscal year and a 10 years commemorative symposium of the 2011 tsunami to be held at UCL in 2021. Another meeting with IRDR Director Prof. Peter Sammonds and Dr. Ilan Kelmen on Tohoku University's new graduate program "WISE Program for Sustainability in the Dynamic Earth" was also organized. Assoc. Prof. Anawat Suppasri also presented an invited lecture on the 2018 Indonesian tsunamis in Sulawesi and Sunda Strait at UCL's Earthquake and People Interaction Centre (EPICentre) and discussed earthquake and tsunami fragility functions with the center's head Prof. Tiziana Rossetto and colleagues. Building on our past collaboration, the discussions held during this visit led to several concrete plans to advance interdisciplinary and joint research between IRIDeS and UCL counterparts, and new ways to consider the lessons from the 2011 Great East Japan Earthquake and Tsunami and share the experiences after 10 years.



A workshop on cascading disaster



A meeting at IRDR on future collaborations



An invited lecture on tsunami engineering at EPICentre

Text : Anawat Suppasri (Hazard and Risk Evaluation Research Division) and Elizabeth Maly (Disaster Information Management and Public Collaboration Division)