

UK Japan symposium on disasters and UK Japan disaster risk reduction workshop (2013/11/21-23)

Theme: UCL-Tohoku University' s collaboration on disaster science (IRDR-IRIDeS)

Location: University College London (UCL)

On 21st - 22nd November 2013, the 150th anniversary year of the arrival at University College London (UCL) of the “Choshu 5” , the first citizens of Japan to travel abroad for a university education, was commemorated. The first day of the symposium occurred on the same day as the signing of the formal Memorandum of Understanding between UCL and Tohoku University (Prof. Satomi, University president), regarding research collaboration in life science, material science and disaster science for which the lead institutes in the two universities are, respectively, the Institute for Risk and Disaster Reduction (IRDR) of UCL and the International Research Institute of Disaster Science (IRIDeS) of Tohoku University (Prof. Imamura, Deputy Director). Together with the special session to celebrate the collaboration, plenary lectures on earthquake science, tsunami engineering and international collaboration in risk reduction from professors of both side were given.

The workshop on the second day was for academics and researchers from the UK and Japan, primarily from UCL and Tohoku University respectively but including their collaborators and others from academia and commerce, to present their recent and ongoing research in the linked fields of Disaster Science and Disaster Risk Reduction. The workshop focused on disasters caused by earthquake and tsunamis including medical, social and cultural aspects from recent research outputs at both universities and through the collaboration.

The last day a meeting for members of IRDR and IRIDeS was organized in order to plan a strategy for future collaborative research projects between the two institutions including exchanges, specific projects and meetings. The results turned into four project themes including 1) Development of fragility functions, 2) Research into intermediate and long-term recovery, 3) Warning and integration and 4) Extreme events and variation of small events. The next meeting will be held at Tohoku University in November 2014.



Plenary lecture by Prof. Imamura



Introduction of UCL-TU collaborative research
by Prof. Satomi



Workshop participants



Discussion on future collaboration

List of presentations from IRIDeS

Name	Presentation title
Prof. Fumihiko Imamura	Hazard of the 2011 Tohoku earthquake tsunami and its induced multiple disasters & Disaster Digital Archive for the 2011 Tohoku earthquake and tsunami
Prof. Yuichi Ono	Expectations for the World Conference on Disaster Risk Reduction to be held in Sendai, Japan, 14-18 March 2015 & panelist
Prof. Shinji Toda	The 2011 Tohoku earthquake: what we learned from the gigantic earthquake
Prof. Makoto Okumura	Panelist
Prof. Masato Motosaka	Building damage during the 2011 Tohoku Earthquake and Earthquake Early Warning Systems in Japan.
Prof. Akira Mano	Large scale scouring by the 2011 Tohoku Tsunami
Assoc. Prof. Anawat Suppasri	Recent developments on tsunami fragility curves through the collaboration between UCL and IRIDeS
Prof. Hiroaki Tomita	Psychosocial postventions following the 2011 Great East Japan Earthquake and Tsunami
Asst. Prof. Rui Nouchi	Rethinking of disasters from psychology and cognitive neuroscience
Assoc. Prof. Kanako Iuchi	Panelist
Asst. Prof. Daisuke Sugawara	Tsunami deposits and their numerical modeling: case study on the 2011 Tohoku-oki tsunami in the Sendai Plain

For more information

1st day <http://www.ucl.ac.uk/rdr/events-news-publication/uk-japan-symposium-disasters>

2nd day

<http://www.ucl.ac.uk/rdr/events-news-publication/uk-japan-disaster-risk-reduction-workshop>

3rd day

http://www.ucl.ac.uk/rdr/events-news-publication/ucl_tohoku_disaster_risk_reduction_workshop