

# Arthur Holmes Meeting 2015

Tsunami Hazards and Risks: Using the Geological Record

25 September 2015



The  
Geological  
Society

*-serving science & profession*



## Programme

09.30	<b>Registration &amp; tea, coffee</b>
10.00	<b>Opening remarks: Geological Society of London and Geological Society of Japan Bilateral Overview</b> Professor David Manning (President, Geological Society of London, UK) and Professor Yasufumi Iryu (President, Geological Society of Japan, Japan)
	<b>Part I: Tsunami in Europe and the Atlantic Margins</b>
10.10	<b>The importance of geology in validating tsunami modelling and hazard assessment</b> Professor David Tappin (BGS, UK)
10.40	<b>Holocene Tsunami Events in the North Atlantic: A review</b> Dr. Sue Dawson (University of Dundee, UK)
11.00	<b>Early Miocene tsunami boulderites in New Zealand and freak wave slab boulderites in western Ireland</b> Prof. John Dewey (University College Oxford, UK)
11.20	<b>The ocean island volcano lateral collapse and giant tsunami hypothesis: A review</b> Dr. Simon Day (UCL, UK)
	<b>Part II: Tsunami Impacts</b>
11.40	<b>Preservation potential of deep-sea event deposits along the northern Japan Trench</b> Dr. Ken Ikehara (AIST, Japan)
12.10	<b>Impacts of the Tohoku tsunami</b> Dr. Vasily Titov (NOAA, USA)
12.30	<b>Lunch and poster session</b>
14.00	<b>Japanese tsunami countermeasure before and after the Tohoku tsunami and how geological evidence was incorporated into government policy</b> Dr. Kazuhisa Goto (Tohoku University, Japan)
14.20	<b>Recent advances in modeling landslide tsunami hazard based on the geological record</b> Professor Stephan Grilli (University of Rhode Island, USA)
14.40	<b>Stochastic Tsunami Simulations for Mega-thrust Subduction Earthquakes: from Tohoku to Nankai</b> Dr. Katsu Goda (University of Bristol, UK)
15.00	<b>Global tsunami hazards and risks</b> Dr. Finn Løvholt (NGI, Norway)
15.20	<b>Tea and coffee break</b>
	<b>Part III: Risk Modelling</b>
15.40	<b>Risk estimation from tsunami modelling</b> Dr. William Power (GNS Science, NZ)
16.10	<b>Approaches to physical modelling of tsunami impacts</b> Dr. Costas Synolaki (USC, USA)
16.30	<b>Tsunami in Central America</b> Dr. Conrad Lindholm (NORSAR, Norway)
16.50	<b>Risk-Informed Tsunami Warnings</b> Dr. Gordon Woo (RMS, UK)
17.10	<b>Applying science in end-user risk assessment</b> Dickie Whitaker (Lighthill Risk Network, UK)
17.25	<b>Closing Remarks and Conference End</b>
18.00	<b>Drinks Reception at the Japanese Embassy (<a href="#">map</a>)</b>