# RMetS/NCAS Conference 2016
## High Impact Weather and Climate
6 – 8 July 2016, University of Manchester

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| **Title of Workshop:** | **Modelling the impacts of weather on society: experiences from the Hazard Impact Model Project** |
| **Session** | **Predicting Workshop 2 – Thursday 7th July (Workshop Number: P6)** |
| **Workshop Summary (150 words max)** | The Natural Hazards Partnership (NHP) was established in 2011 and brings together the leading public sector agencies within the UK in order to review, prepare for and respond to natural hazards. One of the key activities has been the development of the first of a series of Hazard Impact Models (HIM) that will collectively provide a basis for impact-based forecasting and warning for a wide range of natural hazards in the United Kingdom, using the concept of risk as the product of hazard, exposure and vulnerability. In this workshop we will provide an overview of the HIM approach and discuss a number of key issues, such as impact observations, communication of uncertainty and risk, and concurrent hazards and impacts. Feedback on these issues will guide the development of the HIM in the years ahead. We invite everyone with an interest in hazard impact modelling, from scientists to end users, to participate in the discussion. |
| **Workshop Programme:** | **11:00 Introduction into the workshop**<br>**11:10 Hazards and impacts in the UK**<br>**11:40 Introduction into the Hazard Impact Model and Hazard Impact Framework**<br>**12:10 Discussion session**<br>**12:50 Summary and closure of the workshop** |
| **Workshop Chair(s)** | • Rutger Dankers, Weather Impacts Team Manager, Met Office, UK<br>• Becky Hemingway, Weather Impacts Scientist, Met Office, UK<br>• Tim Aldridge, GIS Scientist, Health & Safety Laboratory, UK |
| **Workshop Speakers** | • Workshop chairs<br>• Helen Balmforth, Health & Safety Laboratory, UK<br>• Oliver Gunawan, Health & Safety Laboratory, UK |
| **Theme(s) addressed:** | Natural hazards impacts modelling and forecasting, multi-hazards, impact-based warnings, risk |
| **Intended outcomes:** | A better understanding of high-priority hazards and impacts in the UK; identification of research gaps and areas for further development of the HIM and the Hazard Impact Framework |