

Building Knowledge for a Changing Climate: BKCC Project Progress Report

BKCC project name: CRANIUM (Climate change Risk Assessment New Impact and Uncertainty Methods).

Progress report no: 2

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General

- The academic investigators held a project meeting on 2nd March in Leeds. This was a small meeting comprising a representative from each University, i.e., Bristol (Jim Hall (PI) and Nick Hamm), UEA (Clare Goodess), Newcastle (Chris Kilsby) and Leeds (Alan Pearman). This provided a good opportunity to review research conducted to date, to discuss future research, to share expertise and to clear up administrative details.
- It is envisaged that future project meetings will be attended by all academic/research staff and PhD students involved in the project. The next meeting will take place on 30th June in Bristol.
- The next meeting of academic and industrial/government collaborators and stakeholders will take place on 30th June in Bristol. This meeting will be combined with a meeting of the academic partners (see above).

University of East Anglia

- UEA are currently completing the BETWIXT scenarios work, which will form the starting point for their CRANIUM research.

University of Newcastle

- Newcastle have recruited Andy Collier as a PhD student, who is working on statistical aspects of uncertainties in rainfall estimation under climate change.

University of Leeds

- Leeds have recruited Tessa Sayers from the University of Newcastle, to act as a research assistant on their component of the project. Tessa took up her post on 15th March. As part of their research they will be running a workshop with the stakeholders. This is scheduled to fit in with the CRANIUM project meeting of 30th June.

University of Bristol

- Dan Hine and Jim Hall are progressing their work on info-gap theory which was reported in the last newsletter.
- Nick Hamm, Jim Hall and Malcolm Anderson are currently progressing their work on variance based sensitivity analysis of a slope stability model, as reported in the previous newsletter. They are currently working with a hypothetical example and will be submitting this work for publication. They have also been engaged in a constructive dialogue with Network Rail to identify case study sites. This will be followed up when the work on the hypothetical example is finished.
- Jim Hall and Nick Hamm have been developing contacts with researchers at the Universities of Durham and Southampton, who are working on statistical emulators.