



NERC DREAM CDT Geomatics PhD opportunities at Newcastle University

The NERC DREAM (Data, Risk and Environmental Analytical Methods) Centre for Doctoral training on Risk and Mitigation using BIG Data is a consortium of Newcastle, Cranfield, Cambridge and Birmingham Universities. We will be awarding 10 full PhD studentships to start in October 2015.

Applications from eligible students are now sought for the Newcastle University Geomatics DREAM projects for an October 2015 start. Newcastle Geomatics projects available for October 2015 (along with lead supervisor) are:

- Big data tools for massively distributed environmental hazard data lakes.
([Stuart Barr](#))
- High-dimensional multi-objective spatial risk and sustainability optimisation tools using cloud-enabled evolutionary computing.
([Stuart Barr](#))
- Urban data processing workflows in the cloud underpinning risk analysis in cities.
([Phil James](#))
- Satellite radar observations for rapidly responding large earthquakes.
([Zhenhong Li](#))
- Real-time estimation of lake volume and river discharge from satellite altimetry and remotely sensed imagery in ungauged basins.
([Phil Moore](#))

Deadline for applications is 19th June with interviews to be held the week commencing 22nd June.

Full details on Newcastle University projects along with application form and eligibility conditions can be found at <http://research.ncl.ac.uk/geospatial/dream/>. The full list of all 2015 projects can be found at <http://www.dream-cdt.ac.uk/studying/application/>.

Further details regarding individual projects can be obtained by contacting the appropriate lead supervisor. General enquiries regarding a DREAM PhD application can be directed to [Stuart Barr](#).

Please forward completed application forms and related paperwork to [Stuart Barr](#) by the 19th June deadline.