EPSRC Centre for Doctoral Training in Geospatial Systems – 3x 4-year PhD Studentships

Closing date: Tuesday 30th June 2020. On-line interviews will be held during July 2020.

University of Nottingham and **Newcastle University**, supported by Ordnance Survey, invites high-quality applications from UK and EU nationals for three fully funded 4-year (1+3) PhDs in the EPSRC Centre for Doctoral Training (CDT) in Geospatial Systems for September 2020 entry.

The CDT will equip students with advanced knowledge and skills in geospatial data science and its application within interdisciplinary PhD research and the geospatial industries, leading to MRes (year 1) and PhD (year 4) qualifications.

Overview

The Geospatial Systems CDT will deliver a world-leading generation of engineers, scientists and practitioners trained in geospatial data science and its application within interdisciplinary PhD research on smart cities, urban and infrastructure resilience, spatial mobility (transport), energy systems, sustainable spatial planning, structural monitoring, social inclusion and healthy living, environmental applications, and the translation of geospatial methods to global challenges.

When studying with the CDT, students undertake a four year (1+3) PhD. In year 1 they will study towards an MRes in Geospatial Data Science and receive specialist joint training in spatial data capture, management, analysis, statistics, modelling and visualisation, along with the new computing technology and methods that are transforming the use of geospatial data. While in years 2 to 4 students will undertake their PhD research project. During their time with the CDT, all students engage with a range of CDT-wide cohort-based activities and Industry-informed training on Responsible Research and Innovation (RRI). Find out more here:
https://research.ncl.ac.uk/geospatial-systems/

Benefits of joining our programme:

- A joint PhD programme fully integrated between two leading universities;
- A supportive cohort environment;
- Direct access to experts from industry;
- A substantive research and training support grant (RTSG) in addition to full fees and tax-free stipend for the 4-year duration of the training;
- Specialist enterprise and Responsible Research and Innovation training;
- Access to world-leading facilities, training and support from additional partner institutions;
- A commitment to equality, diversity and inclusion. This will be at the heart of each of our CDT, ensuring flexibility in all activities so that CDT participants with caring and family responsibilities are able to participate fully.

How to Apply

- **Applying to Nottingham:** in the MyNottingham portal, select 'Apply for a new course' and follow instructions on Nottingham's Postgraduate Study page. Select **'PhD in Engineering Surveying and Space Geodesy'** as programme of study. You are required to quote the reference 'ENG1266'. Please also quote this reference in your covering letter. In addition, you must ensure that you name, Stuart Marsh, when asked to name a supervisor on your application

- **Applying to Newcastle:** in the postgraduate application system, 'Create a new account'. Enter **4881F** as the programme code in the programme of study tab, select '**MRes Geospatial Data Science**' as the programme of study, and enter **GEO20-01** as the

studentship code in the studentship / partnership reference box. The relevant studentship code should also be quoted in your covering letter.

Important Documents: as part of an application at Nottingham or Newcastle, you are required to attach:

- A covering letter which includes a 500 word statement on why you are interested in applying to study geospatial data science, and how your interests and experience relate to the CDT;
- A full curriculum vitae;
- Officially certified degree transcripts and certificates;
- If English is not your first language, a copy of your English language qualifications;
- Signed copies of your references on letter headed paper (these can be in PDF format).

Eligibility Criteria

The successful candidate will have a minimum of a 2:1 degree in Engineering, Geographical Sciences, Computing or Mathematics or related disciplines. is the competition is open to to UK and/or EU applicants.

Thanks to support from Ordnance Survey, GB's national mapping agency, we are able to offer at least one fully-funded studentship to an EU national. In this case, research must align with Ordnance Survey research priorities, see:

https://www.ordnancesurvey.co.uk/business-government/innovation/research/doctoral

Contact

For general CDT and application enquiries email: geospatial.cdt@ncl.ac.uk. Specific enquiries to or Professor Stuart Marsh (Nottingham: Stuart.Marsh@nottingham.ac.uk) or Professor Jon Mills (Newcastle: jon.mills@newcastle.ac.uk) .