

**NATIONAL UNIVERSITY OF IRELAND, MAYNOOTH
MAYNOOTH, CO. KILDARE**

**DIRECTOR, NATIONAL CENTRE FOR GEOCOMPUTATION
PROFESSORSHIP IN GEOCOMPUTATION**

The National University of Ireland Maynooth

Following two centuries of internationally renowned scholarly activity on the Maynooth campus the National University of Ireland, Maynooth was established under the 1997 Universities Act as an autonomous member of the federal structure known as the National University of Ireland. With approximately 6,500 fulltime students and another 3,500 registered as part-time NUI Maynooth has 26 Academic Departments which are organized into three Faculties: Arts, Celtic Studies and Philosophy; Science and Engineering, and Social Sciences. Building on a tradition of scholarship and excellence in all aspects of its teaching and learning, and research activities, within the liberal arts and sciences tradition NUI Maynooth is committed to being a first class research-led centre of learning and academic discovery. It is located on a pleasant university campus in Ireland's only university town 20km west of Dublin, and has recently undergone a major phase of expansion in research, teaching and service facilities. The spacious campus is laid out in its own extensive grounds in rural surroundings, and is divided between an older complex of fine nineteenth century buildings and a modern complex of teaching, research, accommodation, and support facilities.

The National Centre for Geocomputation

The National Centre for Geocomputation was founded at the National University of Ireland, Maynooth in 2004 through funding provided by Science Foundation Ireland as a research institute of the university operating at the intersection of computer science and spatial analysis. Since then NCG has become firmly established as a leading international research centre in the field of Geocomputation, with over thirty researchers, funding of circa €2M per annum, and is a major intellectual centre committed to extending understanding and utilisation of the capture, analysis and modelling of spatial data.

Membership of NCG is composed of both core staff and members drawn from a number of NUI Maynooth academic departments, notably Computer Science and Geography. There is a strong linkage and synergy with the National Institute for Regional and Spatial Analysis (NIRSA).

NCG is also a major centre of industry-academia partnership and members have forged close links with a number of companies based in Ireland including ESRI Inc, IBM and Google. Enhancing these links and building new partnerships is a major priority for the future.

NCG is host to the SFI Strategic Research Cluster in Advanced Geotechnologies, StratAG (www.stratag.ie), which is a major multidisciplinary, inter-institutional and industry-academia programme that involves principal investigators drawn from Geocomputation, engineering and computer science at in NUI Maynooth, University College Dublin, Dublin

Institute of Technology and Trinity College Dublin. This five-year programme runs from 2008 - April 2013 and is funded by SFI to €7M over that period. In addition, 25% co-funding is provided by industry and enterprise partners including Ordnance Survey Ireland, ESRI Ireland and several Irish companies (eSpatial Ltd., PMS Ltd. and Fugro BKS).

Visit our website at: <http://nCG.nuim.ie>

The Role

The Director will lead the development of NCG as a centre of academic excellence and as a centre of industry-academia interaction.

The successful candidate will:

- Be recognised as a world-class researcher in Geocomputation, Geographical Information Science or related areas of Computer Science;
- Have a demonstrated capacity for strategic and dynamic leadership on an international stage;
- Have a successful track record in building strategic partnerships and securing independent funding from public competitive sources and/or through private investment;
- Have a research profile that will complement existing strengths in Geocomputation, Spatial Analysis and Social Sciences at NUI Maynooth;
- Be entrepreneurial, committed to working with industry and interested in commercialisation of research.

The Duties of the Post will include:

- Academic and strategic leadership of the National Centre of Geocomputation in its continued development as an internationally recognised centre of excellence;
- Securing both international and national funding towards development of the Centre and the StratAG programme;
- Building collaborative partnerships with other national and international research centres and relevant industry research centres;
- Collaboration with academic departments in development of educational programmes related to Geocomputation;
- Responsibility for the overall management and operation of the Centre.

Terms and Conditions

The appointment will be made at full professorial level. The professorship to be held in association with one of the academic departments of the University, depending on the specific expertise and background of the successful candidate.

The professorship will be a permanent appointment* to the academic staff of the University.

The NCG Directorship will be for a five year period, subject to ongoing review by the University.

*The salary scale applies to permanent appointments only.

Salary Scale

Professor (Post '95): €113,604 – €145,952 p.a. (6 points)

Professor (Pre '95): €108,048 – €138,655 p.a. (6 points)

For Pre 06/04/95 public sector entrants in Ireland, the D Class Salary rates will apply.

*Appointments with no previous public sector experience will be placed on the 1st point of Post '95 salary scale.

The rate of remuneration may be adjusted from time to time in line with government policy.

Informal Enquiries

Enquiries regarding the post should be addressed by email to Professor Ray O'Neill, Vice President for Research at vicepresident.research@nuim.ie

Further information on NCG can be obtained from Professor Rob Kitchin, Acting Director NCG, at rob.kitchin@nuim.ie.

Application Procedure

Please ensure that you **ONLY USE THE WORDS ‘Director NCG’** in the subject line of your application email. This will clarify which post you are applying for.

Applications should be made by sending the following information to nuimposts@publicjobs.ie:

1. A Curriculum Vitae, including all qualifications and experience, and a covering letter addressing your interest and suitability for the post;
2. The names, email addresses, correspondence addresses, fax and telephone numbers of three referees whom the University may contact.

The completed application documents should be forwarded by email to reach the Public Appointments Service no later than **midnight, Friday, 30th March 2012**.

NUI Maynooth is an equal opportunities employer.

The position is subject to the Statutes of the University.

All applicants will receive an acknowledgement within 2 working days. If you do not receive an acknowledgement of receipt of your application within this timeframe please contact Alan Kelly at 00353 1 8587681 or email rbd.mailbox@publicjobs.ie