

JOB DESCRIPTION

Job Title: Lecturer (L) / Senior Lecturer (SL) in Geospatial analysis and environmental modelling

Grade: AC2/3 (R)

Department: NRI Agriculture Health and Environment

Responsible to: Professor of Agroecology, Head of Department - Agriculture, Health & Environment

Responsible for: N/A

Key Contacts: Associate Professor in Environmental Science & Sustainability

Standard Occupational Classification (SoC code):

Non-Contractual Nature of Role Profile: This role profile is non-contractual and provided for guidance. It will be updated and amended from time to time in accordance with the changing needs of the University and the requirements of the job.

PURPOSE OF ROLE

To conduct high quality research and teaching on postgraduate programmes in geospatial analysis and modelling in the context of environmental change, sustainable agriculture and biodiversity. The role will focus on delivering high quality research and education as well as knowledge exchange and enterprise activities. The person appointed will be expected to:

- Engage in independent and collaborative research across the subject area contributing to the research profile and REF submission of the Agriculture Health and Environment Department and Ecosystem Services research group.
- Demonstrate emerging research leadership in their subject area and a growing reputation and impact across the faculty, University and more widely.
- Contribute to the delivery of existing teaching and innovative course development, training and CPD.

Candidates appointed at Senior Lecturer level are expected to demonstrate emerging leadership in a subject area and a growing reputation and impact across the Faculty, University, and more widely.

KEY ACCOUNTABILITIES

Team Specific:

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- Contribute to the research profile of the Agriculture Health and Environment Department and to the REF submission of the Ecosystems Services research group.
- Engage in independent subject specific research leading to the publication and/or dissemination of original work at levels of national and international excellence as a leading or contributing author.
- Lead (or for large bids, make a significant contribution to) the development of funding bids from external or internal sources to fund research activity.
- Contribute to/lead the delivery of high quality, innovative and effective teaching and new teaching initiatives, primarily at postgraduate level, including inclusive approaches to setting and marking assessment.
- Lead and support others in the design and develop of new courses/modules demonstrating excellent curriculum design.
- Contribution to the continuous improvement of the student experience
- Supervision of postgraduate students (MSc, MRes and PhD).
- Contribute to the general academic administrative work of the Department and Faculty.
- Effective cross working with Professional Services to support students.

Generic:

- Assist the Agriculture, Health and Environment Team in achieving the Department's KPIs.
- Contribute to departmental plans, activities and efficient working practices.
- Participate in visit to schools, local community groups, public engagements and related activity.
- Contribute to achieving the University's mission of Education Without Boundaries and values (Inclusive, Collaborative, Impactful) through teaching practice and / or engagement with university initiatives.
- Promote your work and represent your discipline and the work of the University internally and externally

Managing Self:

- Keep abreast of developments within your research area and seek continuous improvement of own professional practice.
- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy.
- Actively participate in established professional development framework activities.
- Behave in a manner which reflects the University values and creates a positive environment for work and study.
- Maintain a high standard of student engagement and satisfaction.

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- Seek to maximise the learning outcomes of students.

Core Requirements:

- Adhere to the University's policies on Equality, Diversity and Inclusion and Information Security.
- Ensure compliance with Health & Safety, Data Protection and Equality Legislation.
- Adhere to the university's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, reflecting the shared responsibility of minimising the university's negative environmental impacts wherever possible.
- Adhere to current legal requirements and best practice relating to digital content and accessibility, including Web Content Accessibility Guidelines when creating digital content.

Additional Requirements:

Undertake any other duties as requested by the line manager or appropriate senior manager, commensurate with the grade

This is a professional, demanding role within a complex organisation with an ambitious strategic plan and agenda for change. The role holder will be expected to show flexibility in working arrangements, including working hours, to ensure that the Natural Resources Institute delivers the required level of service.

Freedom of speech and academic freedom:

In any matter falling under this job description, the university will have particular regard to, and place significant weight on, the importance of freedom of speech within the law, academic freedom and tolerance for controversial views in an educational context or environment. The University's commitments to freedom of speech and academic freedom are set out in the [Freedom of Speech Code of Practice](#). In the event of any conflict between this job description and the Freedom of Speech Code of Practice, the Freedom of Speech Code of Practice will take precedence.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Head of Department as part of the post-holder's annual Appraisal and Professional Development Review.

PERSON SPECIFICATION

EXPERIENCE:

Essential Criteria

- Delivery and/or leading at undergraduate and/or postgraduate level in the field of Geospatial analysis and environmental modelling.
- Conducting high quality, innovative and effective teaching on postgraduate and undergraduate programmes.
- Leading courses/modules effectively including adopting a responsive approach to students.
- Leading and contributing to subject, professional and/or pedagogical research and other scholarly activities in the field of Geospatial analysis and environmental modelling
- Student care and pastoral provision.

Desirable Criteria

- Postgraduate teaching /supervision (SL -essential).
- Creating professional/community partnerships (SL- essential).
- Ability to teach across disciplines (SL - essential).
- Leading on external accreditation activity (SL - essential).
- Designing and leading significant teaching and assessment activity (SL – essential).
- High quality publications (SL – essential).
- Initiating the development of Research bids (SL - essential).

SKILLS:

Essential Criteria

- Ability to engaged with and respond to student feedback.
- Outstanding organisational, IT communication and interpersonal skills.

Desirable Criteria

- Curriculum development in Geospatial analysis and environmental modelling
- Individual and /or collaborative income generation (SL – essential).
- Application for research funding and other bids (SL – essential).
- Individual and/or collaborative consultancy work [**where applicable**].

QUALIFICATIONS:

Essential Criteria

- PHD in Geospatial analysis and environmental modelling or related field.

Desirable Criteria

- Teaching qualification (SL – essential).

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- Appropriate professional qualification [if desirable].

PERSONAL ATTRIBUTES:

Essential Criteria

- We are looking for people who can help us deliver the [values](#) of the University of Greenwich: Inclusive, Collaborative and Impactful.

Desirable Criteria

- N/A