

JOB DESCRIPTION

Job Title:	Lecturer in Environmental Science (Resource Accounting)	Grade:	AC2/3
Department:	Agriculture, Health and Environment (AHE), NRI	Date of Job Evaluation:	
Role reports to:	Dr Conor Walsh		
Direct Reports	None		
Indirect Reports:	None		
Other Key contacts:	Ecosystem Services Research Group Research Centre Lead (Centre for Sustainable Agriculture for One Health)		

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:

The Natural Resources Institute is seeking to employ an Environmental Scientist with a background Resource Accounting in the interface between the environmental sciences and another related fields such as agriculture, engineering, energy management, environmental economics, food systems, climate change mitigation and adaptation.

This position will strengthen existing interdisciplinary capacity and support current, research, teaching, consultancy, and outreach activities in the Agriculture, Health, and Environment Department (AHED). This post will support collaboration by enhancing the existing skills in environmental assessment, adding value to current research on Food Systems undertaken in NRI, including leading on competitive research bids. The successful candidate will have experience in the application of methods for the quantification of resource demands or environmental impacts (e.g., Lifecycle assessment, Environmental Impact Assessment, Ecological Footprinting, Techno-economics etc.).

At present, staff within the department lead teaching programmes; BSc Environmental Science, MSc Global Environmental Change and MSc Agriculture for Sustainable Development as well as undertaking collaborative research in areas relevant to their academic interests. This post will contribute to delivery of teaching within existing modules (such as Research Methods, Environmental Footprinting) as well as the development of new modules informed by the candidate's subject expertise.

This post will also contribute to research activities in AHED (as well as across NRI and Faculty). The position will include assisting with the preparation of research grant proposals and the delivery of elements of current and future research

projects. Given the interdisciplinary remit it is expected the post will contribute to research activities across related subjects within the overarching theme of sustainability. This skillset is intended to support continued international collaboration in both research and consultancy. NRI wins and delivers global leading research with an emphasis on impacts in the Global South, but with a growing portfolio in Europe. The role will likely involve collaboration in a range of different countries and conditions with potentially significant international travel expected. Therefore, this role has 3 primary objectives;

- Contribute to the delivery of existing teaching, course development and strategic discussions of the priorities of the department
- Contribute to the design and delivery of MSc modules and to the extent their time permits, other teaching activities, reflecting their subject specialism and appropriate for the needs of a diverse student body.
- Engage in research and professional practice and contribute to the research profile of NRI and to the next REF submission.

KEY ACCOUNTABILITIES:

Team Specific:

- Prepare and deliver teaching material in the broad subject area of sustainability, this includes for example subjects that are relevant to environmental science and/or economics. This includes module design and assessment as well as supporting the sharing of good/novel pedagogic practice amongst colleagues.
- Contribute to and support the delivery of winning research proposals for funding from national and international funders.
- Contribute to the efficient managing of the work with NRI colleagues and external partners and operational budgets, through management of small grant or work packages in larger grants.
- Contribute actively to NRI's strategic plan on attainment of high-impact research and development impacts.
- Supporting reporting to the funders including the preparation of results
- Undertake knowledge exchange activities to facilitate wider communication of results to different audiences, including colleagues, stakeholders and the general public.
- Publish research results in high quality international peer reviewed journals.
- Contribute to the delivery of high quality, innovative and effective teaching and new teaching initiatives, including inclusive approaches to setting and marking assessment
- Lead or contribute on personal and academic tutoring of undergraduates, where relevant.

- Lead and support others in the design and develop of new courses/modules demonstrating excellent curriculum design.
- Contribute to and initiate the development of funding bids which contribute to the acquisition of internal and external resources to fund research, enterprise or teaching projects.
- Contribute to the continuous improvement of the student experience and lead modules effectively including adopting a responsive approach to students.
- Work with other academics and contribute to the development of new courses, programmes and learning experiences in the department's discipline areas, developing the subject area and sharing best practice across the Faculty and University.
- Supervision of MSc and Phd students.

Generic:

The post-holder will work within the Agriculture, Health and Environment Department of NRI, working closely with the Ecosystem Services Research Group Leader and with the Head of Department. The post-holder will assist the HoD and other Departmental colleagues in achieving University of Greenwich KPIs. The position will be for teaching and research. The post-holder should contribute to the development and implementation of a portfolio of internationally excellent research activities that is financially self-sustaining and contribute to the overall mission of NRI. This will involve partnerships with colleagues inside NRI and the wider university as well as those external to the organisation. The post-holder will contribute to preparation and delivery of teaching at multiple levels supporting progressive improvement in student satisfaction and attainment and encouraging recruitment.

The post-holder will assist in the effective management of projects according to the quality management system of NRI and the rules of the University. Coordination with academic colleagues and support staff are likely to be important aspects of this post. It is anticipated that this role will contribute to the culture of good academic citizenship through activities such as contributing to peer review, supporting the development of junior colleagues and other departmentally based teaching development activities.

Managing Self

- Continuously improve own knowledge of people, administrative systems and University working policy
- Maintain own continuous professional development (CPD)
- Continuously strengthen effective interpersonal skills
- Develop expertise in inquiry/research-informed teaching with an increasing degree of autonomy
- Keep up to date with emerging thought and methods within their field of specialisation.
- Maintain a high standard of student engagement and satisfaction
- Improve and share good pedagogic practice
- Seek to maximise the learning outcomes of students

Core Requirements

- Adhere to and promote the University's policies on Equality, Diversity and Inclusion and Information Security;
- Ensure compliance with Health & Safety and Data Protection Legislation;
- Support and promote the university's Sustainability policies, including the Carbon Management Plan, and carry out duties in a resource efficient way, recognising 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:

- Any other duties appropriate to the post and grade as agreed with the HoD and Institute Director.

KEY PERFORMANCE INDICATORS:

Production of high-quality research outputs and international standard peer reviewed publications

Meeting agreed personal targets for commissioning

Contribution to NRI's strategic objectives

Uphold the principles and values of the University

High Quality Teaching delivery include high student satisfaction as indicated by module survey scores

KEY RELATIONSHIPS (Internal & External):

Research Group Leader

Head of Department

Research Centre Lead (Centre for Sustainable Agriculture for One Health)

NRI Director

NRI academic staff

Project Controllers

Administrative colleagues in NRI

Academic and administrative staff in other University Departments

External collaborators on research and enterprise projects.

PERSON SPECIFICATION

Essential	Desirable
<p>Experience</p> <ul style="list-style-type: none"> • High quality teaching and research within the area of environmental science, resource accounting, or environmental economics. • Experience of undertaking applied research in areas such as agriculture, energy. • Integrating distinct topics into both research and teaching activities. • Experience in participating in research teams. • A recent record of publication in international peer-reviewed journals. <p>Skills</p> <ul style="list-style-type: none"> • Quantitative environmental evaluative skills such as Lifecycle assessment, material flow analysis, ecological footprinting. • Ability to engage with and respond to student feedback • Excellent communication skills appropriate for a variety of audiences and media • Experience in quantitative analysis and scientific writing • Use of statistical software or related tools. • High level of IT proficiency across standard software packages (e.g. MS Packages) <p>Qualifications</p> <ul style="list-style-type: none"> • PhD in Environmental Science, Environmental Economics, Agriculture or a closely related discipline <p>Personal attributes</p> <ul style="list-style-type: none"> • We are looking for people who can help us deliver the values of the University of Greenwich: 	<p>Experience</p> <ul style="list-style-type: none"> • Collaborating across inter disciplinary teaching and research teams. • Experience in developing their own research project including conceptualization of the problem, design of research, successful application for funding, execution of project, and publication of results. <p>Skills</p> <ul style="list-style-type: none"> • Experience of curriculum development • Experience of undertaking research as consultation. <p>Qualifications</p> <ul style="list-style-type: none"> • Teaching Qualification (e.g. PG Cert or HE fellowship) • Professional Membership of an appropriate (e.g. IES) <p>Personal attributes</p> <ul style="list-style-type: none"> • Flexibly and willing to engage in different topics in developing both teaching and research.

Inclusive, Collaborative and Impactful	
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