

JOB DESCRIPTION

Job Title:	Professor (AC5) /Associate Professor (AC4) of Climate Change and Food Security (Research career pathway)	Grade:	AC4/AC5
Department:	LID or AHED	Date of Job Evaluation:	xxx
Role reports to:	Head of Department		
Direct Reports	tbd		
Indirect Reports:	tbd		
Other Key contacts:	Director/Deputy Director of NRI, FaNSI Partnerships Director, Leader of Climate Change Programme, NRI colleagues, Funders, Research Partners		
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 (NRI) of the University of Greenwich is currently expanding its interdisciplinary research excellence to address food and nutrition security, especially in Africa. This expansion in capacity is funded by Research England as part of their highly competitive “Expanding Excellence in England” scheme, where NRI has received funding to appoint 22 members of staff, recruit 20 PhD students and enhance our research facilities.

Using a food systems approach, NRI and partners will focus on climate change, sustainable agricultural intensification, food loss and waste, and improved nutrition. More information on NRI’s Food and Nutrition Security Initiative can be found at www.nri.org/FaNSI.

This particular role is intended to enhance NRI’s capacity to engage in research on climate change and food security at global and regional levels that is both quantitative in nature and policy-relevant. The role relates primarily to the potential impacts of climate change on food security and opportunities for adaptation, involving the four dimensions of food availability, access, utilisation and stability. Candidates with an additional interest in identifying and mitigating greenhouse gas emissions from the agri-food sector will be welcomed.

The postholder may have a main disciplinary background in climatology, agricultural science or economics, but will be highly interdisciplinary in orientation. S/he will have advanced skills in quantitative analysis of climate impacts across food systems, and ability to specify, use and integrate the outputs of climate models or integrated climate-agriculture models. S/he will have a demonstrable record of designing, conducting and disseminating research of relevance to policy makers in the fields of climate modelling, agriculture and food security.

As an authority and lead figure in the international academic community, the successful candidate is expected to provide strategic leadership across the university in achieving a complex set of outcomes for



research funders, academics, students and employers. The candidate should have a proven record of attracting external research and other grants and the ability to add value to the NRI's Food and Nutrition Security Initiative (FaNSI).

The post holder is expected to have, and maintain strong stakeholder relationships at regional, national and international levels, across his/her research disciplines and a strong record of publication at the highest level.

This post is mainly focussed on research and enterprise activities, but a contribution to teaching of up to 10% in the specialist area of the jobholder could be required.

Note: An appointment may be made at the Associate Professor (AC4) level for this role where a suitable candidate has relevant skills, experience and profile.

Note: The University of Greenwich is committed to promoting equality and diversity, and to providing an inclusive and supportive environment in which all individuals have the opportunity to contribute to their full potential. The University welcomes applications from candidates from diverse backgrounds.

KEY ACCOUNTABILITIES:

Team Specific:

- Contribute to subject or professional research leading to the publication and/or dissemination of original work of international excellence quality
- Lead the acquisition and management of substantial research resources from Research Councils and other funding sources
- Engage in interdisciplinary research collaboration and team-building, within and beyond NRI
- Develop and lead research or innovation consortia with external partners including non-academic stakeholders
- Lead research at Institute/Faculty or University level including the development and implementation of strategy policy and plans
- Develop a portfolio of research and/or teaching activities that meet agreed targets. FaNSI supports commissioning until 2022.
- Develop, mentor and lead a significant research group including research students, research assistants/fellows and possibly early career academics
- Contribute to the integration of leading research or expert input into widely used published teaching or professional training materials
- Contribute to the development of research training programmes or novel taught programmes at the leading edge of the discipline
- Lead on the supervision of student research at various levels, including at doctoral level
- Contribute to the development of the academic discipline, within an interdisciplinary research environment

Generic:

- Clear recognition and esteem as an authority and leading figure by the international academic community in their disciplinary area
- Overall accountability for the acquisition and management of external research resources
- Integration of research and scholarship into published teaching or training materials
- Maintain high professional standing in their discipline and further develop their own scholarly profile, including a programme of high quality research, disseminated primarily in high quality peer-reviewed



academic journals or similar avenues appropriate for the subject

- Efficiently implement approved policies, guidelines and standard operating procedures in relation to own academic duties.
- Maintain an overview of the welfare, progression, examination and assessment of allocated students
- Keep abreast of development within their discipline and profession and seek continuous improvement of own professional practice.
- Undertake other such duties as may from time to time be directed by the Pro-Vice-Chancellor or Deputy Vice-Chancellor, Research and Enterprise.

Managing Self

- Develop expertise in research led 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, and seek to maximise the learning outcomes of students

Core Requirements

- Commitment to key strategic priorities of the Faculty and University
- Adhere to and promote the University's policies on Equality and Diversity and Information Security. Ensure compliance with Health and Safety regulations 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.

Additional Requirements:

Any other duties commensurate with the post and grade as agreed with the Director of the Natural Resources Institute/Head of Department.

KEY PERFORMANCE INDICATORS:

Performance Indicators will be established in consultation with the Director of NRI, Head of Department and Programme Leader as part of the post holder's annual Appraisal and Professional Development Review and with due regard to the University's KPIs.

KEY RELATIONSHIPS (Internal & External):

- Leaders of relevant NRI programmes.
- FaNSI leaders
- Colleagues in the Natural Resources Institute
- Colleagues in the Faculty of Engineering and Science and wider University
- Donor/funding agencies
- Research partners



PERSON SPECIFICATION

Essential

Experience

- International credibility within a research field of direct relevance to climate change and food security
- Extensive knowledge of key policy issues relating to climate change and food security at institutional, national and sector-wide level
- Experience in the purposeful integration of data and perspectives from different disciplines and different stakeholders
- Leadership of research projects.
- Proven track record of publishing a significant and sustained body of outputs with international impact at the highest levels of international excellence including world leading work as leading, corresponding or senior author (AC5)
- Proven track record of publishing a sustained body of outputs with international impact at the highest levels of international excellence including world leading work as corresponding or senior author (AC4)
- Proven, sustained track record of successful supervision of research activities of students at various levels, including PhD (Appropriate to level AC4/AC5)
- Proven track record of leading research or professional teams in complex environments (Appropriate to level AC4/AC5).
- Proven track record of leading and winning external funding bids (Appropriate to level AC4/AC5).
- Proven track record of leading large enterprise and research projects. (Appropriate to level AC4/AC5)
- Proven track record of developing and implementing research and enterprise strategies and policies (Appropriate to level AC4/AC5)
- Proven track record of working with and managing complex, diverse public and private sector stakeholder relationships at international, national and regional levels so as to achieve research impact on policy and practice

Desirable

Experience

- Experience in developing climate-food system models
- Experience in identifying greenhouse gas emissions from the agri-food sector and related mitigation options
- Working knowledge of quality assurance/ enhancement and academic standards



- Experience of and willingness to undertake regular short-term international travel to low- and middle-income countries

Skills

- Advanced skills in quantitative analysis of climate impacts across food systems, and ability to specify, use and integrate the outputs of models.
- Familiarity with concepts and methods of value-chain analysis
- Outstanding knowledge of the mechanisms for funding research and enterprise
- Well-developed organisational and management skill
- Well-developed interpersonal skills and ability to motivate others
- Excellent written and oral communication skills in English
- Commitment to the promotion of high standards and excellence
- Ability to think strategically and conceptually
- Capacity to listen and consult, good negotiation skills
- Capacity to make informed decisions
- Ability to work effectively and deliver under pressure
- Able to use IT effectively
- Well-developed project management skills

Qualifications

- PhD degree in a relevant subject
- Minimum of Associate Fellow of Higher Education Academy (HEA) or willingness to achieve this.

Personal attributes

- We are looking for people who can help us deliver the values of the University of Greenwich: Excellence, Determination, Inclusivity, Ambition and Creativity

Skills

- Ability to develop models of climate-agriculture interrelations
- Drafting and editing skills for communicating research findings to non-specialist audiences.
- Working knowledge of second languages of relevance to NRI's work.

Qualifications

- Postgraduate teaching qualification