

**Job Description**

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| Job Title: | Coastal Change Research Fellow |
| Faculty/Professional Directorate: | EEI |
| Subject Group/Team: | EEI |
| Reporting to: | Stuart McLelland |
| Duration: | Fixed Term at 100% for 36 months |
| Job Family: | Academic |
| Pay Band: | 7 |
| Benchmark Profile: | Research Band 7 |
| DBS Disclosure requirement: | NA |
| Vacancy Reference: |  |

**Evidence of ability to work independently and as part of a team Details Specific to the Post**

### Background and Context

The post will be based in the Energy and Environment Institute, established in late 2016. The Institute vision is to be an internationally leading centre for research at the interfaces between energy and environmental resilience; with a focus on global sustainability challenges and delivering research that makes a difference. The Institute has three primary goals: to research and discover; to innovate and deliver impact; and to act as a regional anchor.

The Coastal Change Research Fellow (CCRF) will contribute to knowledge exchange and research in collaboration with Changing Coasts East Riding Project (CCER) to support the delivery of the Monitoring, Evaluation and Learning Plan. The CCRF will deliver evidence on the benefits of working alongside communities and key stakeholders on coastal transition including how practical actions are co-delivered with communities. The CCRF will disseminate this learning and experience widely with coastal communities, practitioners and academia, including development and delivery of learning materials. This will contribute to the evidence needed to support practical delivery of coastal transition and adaptation.

The post holder will develop and deliver Coastal Change CPD materials to integrate with the MSc in Flood Risk Management which aims to deliver a broad education on managing flood risk with a focus on resilience to flooding and living with water. The post-holder will be expected to champion the new programme and to join the active and growing research community in the Energy and Environment Institute, which brings together leading academics to tackle global issues surrounding climate change and its consequences on livelihoods.

### Specific Duties and Responsibilities of the post

Specific tasks that the post-holder will deliver, include:

* Develop the knowledge and capacity of communities and stakeholders to co-create a better transition, such that communities and stakeholders feel empowered through being able to influence decisions on their future and increase their confidence in the transitions required by coastal change. This will include building evidence of the skills, resources, tools and capacity required for effective coastal transition;
* Work with communities to deliver readiness for transition and achieve buy-in to the project, gaining community consent for, or involvement in, planned interventions. Following this approach, demonstrate the role of (i) early engagement, (ii) better understanding of the barriers to transition and (iii) support for community decision making;
* Develop and deliver a programme of community-based monitoring and evaluation with the aim of evaluating the effectiveness of different types of coastal transition interventions, particularly focusing on a range of creative community engagement techniques;
* Build evidence to develop the case for changes in funding and policy to support coastal transition through (i) an ongoing survey to gain input from stakeholders and (ii) learning logs to understand success and opportunities not yet taken.
* Develop training and education opportunities to enable coastal practitioners, students and project partners to effectively plan for and develop coastal transition actions in the short and long-term. This will include the development and delivery of a new Coastal Management and Transition module as part of the existing MSc in Flood Risk Management, as well as contributing to existing module(s).
* Develop and co-deliver a dissemination plan for project learning.
* Utilise the learning and evidence gathered through the delivery of the CCER and related projects including the Coast-R Network’s funded projects in assisting the CCER team in the development of a Coastal Transition Plan for the East Riding, and in co-authoring academic publications and speaking at international academic conferences.

The CCRF will work closely with internal and external partners to exchange knowledge arising from research on coastal transitions, collaborating with colleagues in the EEI and relevant others at the University of Hull as well as with external partners working with the Coastal Transition Accelerator Programme (e.g. DEFRA, Environment Agency, North Norfolk District Council (Coastwise project), Cornwall Council, Dorset Council, other Flood and Coastal Innovation Programme projects). Specific activities will include undertaking research; leading co-authored publications and presentations; working with colleagues and stakeholders to deliver activities; and writing regular reports for stakeholders and other policy briefs.

The project will offer excellent career development opportunities including managing significant elements of a work package, speaking at international academic conferences and co-authoring publications.

The post holder will work closely with colleagues in the Energy and Environment Institute and with CCER colleagues at East Riding of Yorkshire Council and the Environment Agency. The CCRF will be managed by Prof Stuart McLelland to deliver the project in collaboration with the CCER project team and will also work with the teaching team to contribute to the MSc in Flood Risk Management. The post holder will be required to report on progress on a monthly basis and to write regular written progress reports including a final report. They may be required to travel to conduct engagement activities or to attend meetings/ conferences/workshops relating to the project.

The CCER project is funded by Defra as part of the £200 million Flood and Coastal Innovation Programme which is managed by the Environment Agency. The programme will drive innovation in flood and coastal resilience and adaptation to a changing climate.

**GENERIC JOB DESCRIPTION**

The job duties and responsibilities listed below are intended to describe the general nature of the role. The duties and responsibilities and the balance between the elements in the role may change or vary over time depending on the specific needs at a specific point in time or due to changing needs in the department. Candidates should note that there may not be an immediate requirement to carry out all the activities listed below.

### Overall Purpose of the Role

The researcher at this level will be:

* An experienced and professional researcher and will be a subject specialist, drawing upon knowledge gained from postgraduate research and/or working within a Research Band 6 role.
* Associated with a particular project (or projects) and will contribute ideas, and/or enhancement of techniques or methodologies and be expected to take significant initiatives in their work and consult with the Principal Investigator over the details of the project. They will work under supervision and receive academic, pastoral support and guidance which may include specific training, career opportunities and mentoring.

They may contribute to the Department’s teaching, through supervision of projects, overseeing practical classes, or taking small group tutorial classes.

The main focus of the work will involve conducting individual and collaborative research projects under the general guidance of a senior academic or Principal Investigator using new research techniques and methods, analysing and interpreting data and writing up research for publication.

**Main Work Activities**

1. Conduct individual and collaborative research projects to include:

* Using expertise to carry out projects they are working on.
* Contribute to the preparing proposals and applications for external bodies, e.g. for funding and contractual purposes with appropriate support or contribute to the writing of collective bids.
* Use new research techniques and methods.
* Analyse and interpret research data.
* Write up research work of the project and its dissemination through seminar and conferences presentations and publications.

1. Responsible for the management of projects to include:

* Plan and manage own research activity in collaboration with others.
* Manage administrative activities with guidance if required.
* Plan and monitor the work of the project or projects if applicable.

1. Assist with teaching and learning support in own area of study to include:

* Assist in the development of student research skills.
* Assess student knowledge and supervision of projects.
* Supervise and guide final year students.

1. Develop and initiate collaborative working internally and externally to include:

* Build internal contacts and participate in internal networks for exchange of information and to form relationships for future collaboration and to progress their research.
* Develop links and join external networks to share information and identify future potential sources of funding.
* Work with colleagues on joint projects as required.
* Attend and contribute to relevant meetings.

1. Demonstrate evidence of own personal and professional development to include:

* Continually update knowledge and understanding in field or specialism.
* Appraisal, induction and performance reviews.
* Participate in training and development activity.
* Maintain links with professional institutions and other related bodies.
* Collaborate with academic colleagues on areas of shared research interest.

### Additionally the post holder will be required to:

* Fulfil the employees’ duties described in the University’s health and safety policies and co-operate with the health and safety arrangements in place within the department. May be required to undertake specific health and safety roles on request e.g. Display screen equipment assessor, departmental safety officer, fire warden etc.
* Show a commitment to diversity, equal opportunities and anti-discriminatory practices this includes undertaking mandatory equality and diversity training.
* Comply with University regulations, policies and procedures.

**PERSON SPECIFICATION – Research Band 7**

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| **Specification** | **Essential** | **Desirable** | **Examples Measured by** |
| **Education and Training**  Formal qualifications and relevant training | * A PhD or equivalent experience in a relevant field | * A minimum requirement to be at or working towards Associate Fellow level as represented within the UK Professional Standards Framework with the expectation of being at Fellow level within 2 years from commencement of the post | Application  Interview  Other |
| **Work Experience**  Ability to undertake duties of the post | **Evidence of:**   * An emerging track record in an appropriate research field, including authoring academic publications and grant applications * Preparation and delivery of presentations at conferences/workshops * Knowledge and understanding of community engagement * Experience of designing and delivering teaching at either UG or PG level | * Experience liaising with external project partners in delivering joint research or policy outputs * Experience of working in an interdisciplinary or transdisciplinary context * Experience designing and delivering public engagement activities and/or working with community groups * Knowledge and understanding of coastal processes. | Application  Interview  Other |
| **Skills and Knowledge**  Includes abilities and intellect | **Evidence of:**   * Experience monitoring and evaluation data and writing reports and summaries from data collected * Experience engaging with policy makers and other external stakeholders | * Participation in networks that seek to promote research collaboration * Effective management of significant areas of work within a project including resources | Application  Interview  Other |
| **Personal Qualities**  Includes any specific physical requirements of the post – (subject to the provisions of the Equality Act 2010) | * An expectation to positively contribute to University activities and initiatives which may include open days, graduation ceremonies, etc., and have a willingness to undertake administrative activities * Evidence of ability to work independently and as part of a team * Evidence of working in an open and transparent way, providing information and communicating effectively with colleagues * Evidence of Continuous Professional Development * Strong interest in working with others in a multi/inter-disciplinary environment * An expectation to positively contribute to the project activities * Strong organisational skills |  | Application  Interview  Other |