

Horizon 2020 Marie

Skłodowska-Curie Actions

Individual Fellowships Call – Expression of Interest

Organisation Details	<i>Organisation Name:</i> <i>Future Earth Coasts, Centre for Marine and Renewable Energy Ireland (MaREI)</i> <i>Website: www.futureearthcoasts.org</i>	
Organisation Type	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Large Enterprise <input type="checkbox"/> SME <input checked="" type="checkbox"/> Public Research Organisation	<input type="checkbox"/> Public Body <input type="checkbox"/> NGO <input type="checkbox"/> Non-Profit <input checked="" type="checkbox"/> Other (<i>please specify</i>) <u>Core project of International programme Future Earth</u> <hr/>
Research Field(s)	<input type="checkbox"/> Chemistry CHE <input checked="" type="checkbox"/> Social and Human Sciences SOC <input type="checkbox"/> Economic Sciences ECO <input type="checkbox"/> Information Science and Engineering ENG <input checked="" type="checkbox"/> Environment and Geosciences ENV <input type="checkbox"/> Life Sciences LIF <input type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	Keywords: Sustainability Coasts Well-being Biogeochemistry Governance Global environmental change
Short Description of the Organisation and the Faculty/Dept./School/Centre	<i>Please provide a description of the organisation and if applicable, the faculty/department/school/centre that is seeking qualified applicants.</i> <p>The International Project Office of Future Earth Coasts (FEC) is hosted within Centre for Marine and Renewable Energy Ireland (MaREI – www.marei.ie). FEC is a core project of the Future Earth programme (www.futureearth.org) and is a major international research platform providing the knowledge and support to accelerate our transformations to a sustainable world, with a particular focus on the coastal zones of the World. The work of FEC centres networking and developing collaboration between communities of scientists of all disciplines for the co-design and co-production of a new type of knowledge acquisition and mobilisation that links disciplines, knowledge systems, and societal partners to confront and resolve contradictions that reproduce unsustainable practices at the coast.</p>	
Short Description of the	<i>Please provide a short overview of the research area(s)</i>	

Research Project/Topic	<p><i>that the applicant can develop a proposal in with the assistance of the organisation.</i></p> <p>The research strategy of FEC aims to develop a methodology and process to deliver a global coastal futures assessment and capability building' approach that builds shared knowledge for the co-design and co-production of solutions from regional to local scales. The methodology is underpinned by 2 areas of science enquiry:</p> <ol style="list-style-type: none"> 1. Dynamic coasts: how and why coastal systems and regional seas are ever-changing through natural processes and human activities: defining trends, strategic risks, and future prospects. 2. Human development and coasts: to address consequences of human activity and value coastal ecosystem services to better understand the role they play in the local, regional and global economy: threats they face, and how these can be overcome. 3. Pathways to coastal sustainability: processes of development and institutional structures to build and assimilate knowledge about impacts of global environmental change and options for adaptation: transitioning towards sustainability.
Expertise required by the applicant	<p><i>Please specify the research expertise that the applicant should have.</i></p> <ul style="list-style-type: none"> • A background in coastal/environmental sciences (any discipline), including climate change adaptation. • An interest in working in a multi-disciplinary setting. • <i>Desirable: Experience in working in an international project setting and across disciplines.</i>
Career development support offered to fellows	<p><i>Please outline the supports offered for learning and development, career planning etc. offered by the organisation. Include links to relevant webpages if applicable.</i></p> <p>There will be considerable opportunities in networking with scientists from all continents. MaREI provides a multi-disciplinary research environment providing good opportunities to learn and experience different perspectives of sustainability science and governance. Staff of the Centre have considerable experience providing dedicated support to advance the career of the candidate. The candidate</p>

	will be encouraged to participate in various meetings, collaborate with groups throughout MaREI and other groups across the world, and also will be given opportunity to participate in and contribute to teaching and learning.
Application procedure	<i>Please describe what documents (e.g. CV, letter of motivation) the applicant should supply to the host. Please supply a CV and a separate letter of motivation outlining a specific area/plan of research. Please include existing training behind pursuing this research and the expectation of the candidate in terms of training required and career development.</i>
Contact Person	<i>Name and Email address of the person that interested applicants should contact.</i> Dr Martin Le Tissier martin.letissier@ucc.ie

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