



2018-IPR-D1-FGIV-010369

FG IV – Project Officer
Exploratory Research Project:
Predicting the Impact of Coral Reef Loss:
from local Fisheries to Europe’s Biodiversity
and Economy (EU Reefs)

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| <p>Position for:</p> <p>FG IV – Project Officer - Scientific / Technical Support Officer</p> | <p>As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: https://ec.europa.eu/jrc/</p> <p>The JRC offers a vacancy for a Contract Agent within the Exploratory Research Project EU Reefs (Predicting the Impact of Coral Reef Loss: from local Fisheries to Europe’s Biodiversity and Economy).</p> <p>The JRC Exploratory Research Programme (ER) is a strategic initiative characterised by ideas that may lead to novel results, which are going to qualitatively enrich the current scientific work at the JRC.</p> <p>The vacancy is within the Directorate Sustainable Resources. The directorate plays a central role in creating, managing and making sense of scientific knowledge for EU policies related to the sustainable use of resources, encompassing environmental, economic and social dimensions.</p> <p>The operational scientific research will take place in the unit Bio-Economy.</p> <p>Short description of activity:</p> <p>Coral reefs worldwide experience mass mortality due to rising sea temperatures. Since corals play fundamental ecological roles, and many coastal communities depend on coral reefs for income and food, their loss can trigger a cascade of events with dire consequences both for marine ecosystems and society.</p> <p>The EU Reefs project aims at a better understanding of the role of coral reefs in marine ecosystems and thus for our society (the hidden links between the future of coral reefs and the European economy).</p> <p>The successful candidate will be involved in all stages of the project to:</p> <ul style="list-style-type: none">• Generate networks of consumer-resource interactions from corals to top-predator fish in reef ecosystems at the global scale;• Develop future scenarios of coral loss based on both future climatic projection, and a range of human impact scenarios;• Model the cascading effects of coral loss on fish communities through the local coral→fish→fish interaction networks; then, by focusing on overseas territories:• Assess how the predicted fish loss could affect European biodiversity;• Quantify the economic impact of fish loss on local |
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| | <p>markets;</p> <ul style="list-style-type: none"> • Explore the potential connections between local fish markets and the EU economy through the global trade network, in order to assess whether, and to what extent, fish loss triggered by coral loss might have repercussions for EU markets. • The project will be based on the analyses and elaboration of existing datasets and will not involve field activities. <p>Qualifications:</p> <ul style="list-style-type: none"> • Completed university studies of at least three years attested by a diploma and at least five years of professional experience in a field relevant to the position, alternatively a doctoral diploma in ecology or related field. • Experience in quantitative/theoretical ecology, including species distribution modelling, preferably in the context of tropical marine ecosystems, and food-web modelling, and ecological network analysis; • Previous experience in economic modelling would be an asset; • Fluency in at least one programming language (preferably Python or R); • Good oral and written communication skills in English (B2) are essential, knowledge of other languages is an advantage; • Solid publication record on macro-ecological topics in highly ranked international peer-reviewed journals is an advantage. <p>In addition, the successful candidate should have:</p> <ul style="list-style-type: none"> • Ability to work in a team and in a multi-cultural environment; • The candidate is expected to be self-directed and creative. |
| <p>Directorate Unit</p> | <p>Sustainable Resources Bio-Economy</p> <p>Exploratory Research Project: EU Reefs</p> <p>Further information is available at: https://ec.europa.eu/jrc/en/science-area/environment-and-climate-change</p> <p>The Scientific Development Unit of the Strategy, Work Programme and Resources Directorate is in charge of the overall JRC Exploratory Research Programme. The operational scientific research will take place in the Bio-Economy Unit.</p> |
| <p>Indicative duration</p> | <p>24 months</p> |
| <p>JRC Site Country</p> | <p>Ispra Italy</p> |

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| <p>Rules and eligibility</p> | <p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none">1. CAST Permanent - EPSO has launched in January 2017 an open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. Details available at the link below: https://epso.europa.eu/documents/2240_en2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p> |
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