



2019-IPR-D6-FGIV-012109

**FG IV - Project Officer- Ecological Modeller for Global Conservation and Development**

**Position for:**  
**FG IV –**  
**Project Officer**

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.

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/>

The Knowledge for Sustainable Development & Food Security Unit focuses on EU and global biodiversity policies with a strong context of cooperation and development. The policy support provided by the Unit is based on quantitative research, in particular using earth observation and environmental modelling tools.

The Unit is looking for an experienced researcher to contribute to the modelling and forecasting capacity of the team, in particular in the context of ecological corridors and connectivity.

Main tasks:

- Apply and further develop connectivity models to support assessments and decision making in the context of protected areas;
- provide scientific and technical support to the team developing the Digital Observatory for Protected Areas (DOPA) by processing key indicators and improving existing tools and methods;
- programming for current research activity as well as initiating new research projects (incl. full reporting for the research community as well as policy makers)
- report on the activities related to the biodiversity convention (UN CBD, IPBES) and providing feedback on new developments and products.
- contribute to the cooperation with policy services and development of the international network of cooperation of JRC.

Qualifications:

5 years of experience in the field of spatial ecology, geospatial information management, spatial statistics. An excellent knowledge of programming languages such as R or Python is essential.

The ideal candidate should have:

- an advanced knowledge and experience in environmental modelling;
- a solid experience in quantitative methods/tools for ecological assessments; particularly programming techniques;
- an excellent knowledge of tools (QGIS, GRASS, ...) used for the management and processing of geospatial data
- a good understanding of biodiversity conservation issues;

Knowledge of biodiversity policies and closely linked sectors (agriculture & fisheries, climate, bio economy) in the EU is an advantage.

Very good knowledge of spoken and written English (C1) is

	required.
<b>Directorate Unit</b>	Sustainable Resources Knowledge for Sustainable Development & Food Security  Further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a> <a href="http://dopa.jrc.ec.europa.eu/">http://dopa.jrc.ec.europa.eu/</a>
<b>Indicative duration</b>	36 months initial contract with possible renewals up to maximum 6 years
<b>JRC Site</b> <b>Country</b>	Ispra  Italy
<b>Rules and eligibility</b>	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: 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. <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></p> <p>2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></p> <p>Only then you can apply for this specific position, through <a href="http://recruitment.jrc.ec.europa.eu/?type=AX">http://recruitment.jrc.ec.europa.eu/?type=AX</a></p> <p><b>Auxiliary contract staff:</b> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></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 in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>