



2020-IPR-A5-FGIV-015648

**FGIV - SCIENTIFIC/TECHNICAL SUPPORT
OFFICER - EXPLORATORY RESEARCH PROJECT -
LOCALIZING WILDFLOWER-POLLINATOR INTERACTIONS
IN RURAL LANDSCAPES WITH CITIZEN SCIENCE AND DEEP
LEARNING, FLORA FAUNA GREEN RURAL CORRIDOR
CONNECT (FFGRCC)**

<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 http://ec.europa.eu/jrc/</p> <p>The JRC offers a vacancy for a Contract Agent within the Exploratory Research Project FFGRCC (Localizing wildflower-pollinator interactions in rural landscapes with citizen science and deep learning; Flora Fauna Green Rural Corridor Connect).</p> <p>The JRC Exploratory Research Programme (ER) is a strategic initiative characterised by ideas that might lead to novel results to qualitatively enrich current JRC scientific work.</p> <p>The vacancy is within the Directorate for Sustainable Resources. The directorate supports the European Commission with independent, technical and scientific evidence in the areas of the environment including biodiversity, environmental quality and sustainable use of natural resources. The operational scientific research will take place in the unit Food Security.</p> <p>The ER Project FFGRCC will localize and model wildflower-pollinator interactions in rural landscapes with citizen science and deep learning.</p> <p>Using Pl@ntNet crowdsourced wildflower-species occurrence data along with LUCAS photos and data, spatially refined probability of occurrence maps of European wild flower species will be created.</p> <p>Deep learning algorithms will be used 1) to extract habit information from LUCAS landscape pictures and 2) to model species distributions. The flower distributions will be combined with occurrence maps of pollinator species (e.g. GBIF) and climatic variables (ECMWF) to predict wildflower-pollinator co-distributions across Europe. Finally, we will evaluate if and how these spatial co-distributions of wildflower and pollinator species are associated with semi-natural ecosystems and landscape features in the context of the Common Agricultural Policy (CAP).</p> <p>The selected candidate will be in charge of carrying out all</p>
--	---

	<p>deep learning; Flora Fauna Green Rural Corridor Connect (FFGRCC)</p> <p>Further information is available at: https://ec.europa.eu/jrc/en/science-area/agriculture-and-food-security</p>
Indicative Duration	24 months
JRC Site Country	Ispra Italy
Rules and eligibility	<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. https://epso.europa.eu/documents/2240_en</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: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <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 in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>