



2019-IPR-D6-FGIV-011044

**FG IV – Project Officer – Scientific Research  
Scientific and technical support to ‘Global  
Monitoring for Environment and Security in  
Africa’ (GMES&Africa)**

<p><b>Position for:</b></p> <p><b>FG IV – Project Officer – Scientific Research</b></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: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>The Knowledge for Sustainable Development &amp; Food Security Unit is looking for a contract agent who will support the exploitation of Earth Observation (EO) data in environmental monitoring services, as implemented with the African partner Institutions in the framework of the GMES &amp; Africa Project. Main tasks include:</p> <ul style="list-style-type: none"> <li>• Definition, implementation and validation of algorithms for analysis of environmental EO data (low and medium resolution), relevant for the GMES&amp;Africa project;</li> <li>• Contribute to the design, implementation and on-going maintenance of the eStation 2.0 platform;</li> <li>• Define and validate specific web-client tools for the products analysis;</li> <li>• Participation in the G&amp;A technical meetings, review of project’s documentation, support to the Users, including provision of training sessions.</li> </ul> <p>Qualifications:</p> <p>The ideal candidate should have a Ph.D. or a minimum of 5 years of research experience in a related field (e.g. environmental sciences, geo-informatics) after the university degree giving access to doctoral studies.</p> <p>Experience in monitoring the environment (vegetation, precipitations, fires, land cover classification and LCC) using earth observation as well as the familiarity with OGC standards (e.g. WMS and WCS) would be an asset. Experience in handling large datasets will be an advantage.</p> <p>Experience in using geographic information systems (e.g. ENVI, ArcGIS, QGIS, PostGres, PostGIS, MapServer) is essential.</p> <p>Knowledge of computing environments (PostgreSQL/PostGIS, GeoNetwork, MapServer, GeoServer, Python) is an asset.</p> <p>Relevant publications should be highlighted.</p> <p>Very good knowledge of spoken and written English (B2) is required. Working knowledge of other languages from the ACP region (French, Spanish or Portuguese) is an asset. Good communication and inter-personal skills and ability to work in a team are essential.</p>
<p><b>Directorate Unit</b></p>	<p>Sustainable Resources Knowledge for Sustainable Development &amp; Food Security</p>

	Further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a>
<b>Indicative duration</b>	12 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 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"> <li>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: <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></li> <li>2. 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: <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></li> </ol> <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 due to the high number of applications received only shortlisted candidates will be contacted.</i></p>