



2020-IPR-D5-FGIV-013908

**FG IV - Project Officer - Geotagged Imagery Analysis**

<p><b>Position for:</b> <b>FGIV- Project Officer</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 vacancy is within the Food Security Unit, which contributes to scientific development towards a more effective and efficient management of EU policies related to agriculture and food security.</p> <p>The current open position and activities are related to the GTCAP Group of the Food Security Unit, which deals with guidance and tools for the direct payments of the Common Agricultural Policy.</p> <p>The candidate will contribute to the work of the group in the use of geotagged imagery for CAP control and monitoring processes. The candidate will develop, document and test the methodologies for capture, labelling and automatic processing of such geotagged imagery.</p> <p>The successful candidate will be in charge of:</p> <ul style="list-style-type: none"><li>• Updating/upgrading the methodology for geotagged imagery capture, processing and analysis.</li><li>• Setting up, testing and populating a pan-EU database of labelled, geotagged images used for training various automatic processing algorithms ;</li><li>• Dissemination/publication of the results.</li></ul> <p>Qualifications:</p> <p>The ideal candidate should have :</p> <ul style="list-style-type: none"><li>• Completed university studies of at least 3 years attested by a diploma and at least three years professional experience in a field relevant to the position, or a doctoral diploma in geospatial sciences, remote sensing, image processing, computer vision, computer science or related field;</li><li>• Knowledge/understanding of techniques for automated image processing (terrestrial, aerial, satellite);</li><li>• Experience in analysing and processing large datasets, be it spatial, alphanumeric or both.</li></ul> <p>The following will be considered an advantage:</p> <ul style="list-style-type: none"><li>• Knowledge/understanding of existing geomatics techniques and new trends applicable in agriculture and CAP, e.g. GNSS, drones, lidar etc;</li><li>• Programming skills in python, C/C++ or other languages;</li><li>• Experience with deep learning and machine learning frameworks (e.g. TensorFlow, Keras, PyTorch);</li><li>• Record of research activities relevant for the post including</li></ul>
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	<p>publications in international peer-reviewed journals;</p> <ul style="list-style-type: none"> <li>• Good communication and writing skills;</li> <li>• Creativity and ability to work independently.</li> </ul> <p>Knowledge of English (B2) is required.</p>
<b>Directorate Unit</b>	<p>Sustainable Resources Food Security</p> <p>Further information: <a href="https://marswiki.jrc.ec.europa.eu/wikicap">https://marswiki.jrc.ec.europa.eu/wikicap</a></p>
<b>Indicative duration</b>	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
<b>JRC Site</b> <b>Country</b>	<p>Ispra</p> <p>Italy</p>
<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>