



2017-IPR-D5-FGIV-8846

**FG IV Project officer - Remote sensing expert
for agricultural monitoring and control
applications**

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 vacancy is within the Food Security Unit which contributes scientific development towards a more effective and efficient management of EU policies related to agriculture and food security.

The current open position and activities are related to the FOODSEC Group of the Food Security Unit, which deals with food and nutrition security analysis and policy support in food insecure countries and globally.

The candidate will contribute to the work of the group and in particular to the COPERNICUS II Administrative Arrangement (with DG GROW) and the Technical and scientific support to agriculture and food and nutrition security sectors (TS4FNS) Administrative Arrangement (with DG DEVCO). Specific focus is on the integration of COPERNICUS Sentinel data to support relevant analysis for food and nutrition security. She/he will contribute to the integration of expertise in the CAP monitoring and control activities of the unit in relevant agricultural land management, land tenure and registry applications. The candidate will contribute to cross-unit skills in Big Data analytics, machine learning and advanced geospatial techniques.

The candidate will also contribute to partnerships and networks with partners and, according to needs, support capacity building and training.

Qualifications:

The ideal candidate should have a PhD in geospatial sciences, remote sensing, agronomy, environmental sciences or a related field (or a University degree giving access to doctoral studies and 3 years of relevant experience).

Excellent programming skills (Python, Java or equivalent) are required as well as experience in handling large high resolution remote sensing data sets, preferably including SAR.

Experience with cloud computing is an asset.

At least 2 years of experience in relevant agricultural monitoring and/or control applications is highly desirable. Field surveying experience in an agronomic context is an asset. Knowledge of the EC Food Security and Agriculture policies and international cooperation/ development programs would be an advantage.

	Good communication, coding and writing skills and ability to support training and capacity building is needed. Knowledge of English (level B2) is required.
Directorate Unit	Sustainable Resources Food Security Further information: https://ec.europa.eu/jrc/
Indicative duration	12 months initial contract with possible renewals up to maximum 6 years
JRC Site Country	Ispra Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members <i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i>