



VACANCY NOTICE – 2023-IPR-D5-FGIV-022392

Scientific Project Officer - Methodological development of the landscape features indicator

Type of contract	Member of the European Commission's contract staff, Function Group IV (article 3b of the Conditions of Employment of Other Servants)
Duration of contract	36 months (renewable up to maximum 6 years)
Area	Agriculture, Environment, Climate
Place of employment	Ispra (IT)
Indicative basic salary	3877,47 - 5616,29 € (applicable as of 1 st of July 2022) For more detailed information please consult: Working Conditions .

WE ARE

The [Joint Research Centre \(JRC\)](#) provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

The current vacancy is in the Directorate for Sustainable Resources. Its mission is to provide independent scientific evidence to support the development, implementation, evaluation and coherence of EU policies, mainly in the areas of agriculture and rural development, development cooperation, environment and climate change, the blue economy and fisheries, the bio economy, industry and trade.

The vacancy is in 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.

The position is part of the Agriculture & Environment & Climate project team that focuses on improving the environment and climate dimensions of EU food systems and policies. Further information: [Sustainable food systems \(europa.eu\)](#)

We offer:

The JRC provides high-quality working conditions in a dynamic environment. Working in a multidisciplinary and multicultural team, the successful candidate will have a unique opportunity to support EU policies and contribute to JRC's research agenda. The JRC encourages interactions with policy makers, academics and other leading stakeholders active in the field, including participation in (international) conferences and workshops.

WE PROPOSE



The jobholder will contribute to the work of the team supporting the assessment of the impact of farming practices on the environment. In particular, the candidate will contribute to the development of a an EU-wide indicator on landscape features based on the 2022 LUCAS survey in support of the environmental evaluation of the Common Agricultural Policy (CAP) and European Green Deal.

Central to the position is methodological development for the I.21 impact indicator on landscape features as part of the Performance Monitoring and Evaluation framework of the CAP. A core task relates to the data processing and statistical analysis of the LUCAS landscape feature module gathered on 90.000 points across the EU. Furthermore, analysis regarding the complementarity between remote sensing data (e.g. Copernicus Small Woody Features), the LUCAS in-situ survey, as well as geospatial datasets on landscape features available in Member States will be required.

WE LOOK FOR

Candidate with completed university degree (giving access to doctoral studies) and at least five years professional experience in spatial-data analysis, computational ecology, geo-spatial statistics, or related fields. Alternatively a doctoral PhD diploma in these or related fields.

Extensive practical knowledge with processing and analysis of large spatial datasets (using e.g. python, R, Git, SQL, GIS) and hands-on experience with advanced statistics processing, survey design, or data analytics is essential.

Experience with data visualization tools and advanced exploitation of remote sensing datasets and links with in-situ data is desirable. Scientific publishing of research outcomes is encouraged. The candidate should highlight relevant publications.

Research experience and knowledge about landscape ecology, ecological processes, landscape design, agri-environmental assessments, is a strong asset.

Good knowledge (B2) of spoken and written English is required as is the ability to work in a team in a multi-cultural environment.

HOW TO APPLY

If you are **already on a valid CAST FG IV reserve list**, or you **have already applied to one of the calls below**, you can directly submit your application at <http://recruitment.jrc.ec.europa.eu/?type=AX>.

If not, before applying to this position, **you must register** for one of the two following:

- the [Call for Expressions of Interest | EU Careers \(europa.eu\)](#) (CAST Permanent FG IV), which is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), or
- the [specialised call for researchers](#) (JRC Call COM/1/2015/GFIV – Research), which is mainly used by the JRC.

Note that each of the calls above has **different minimum eligibility requirements and different selection tests**.



The JRC cultivates a workplace based on respect for other people and the environment, and embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.