



2022-IPR-D5-FGIV-020569

**FG IV - Scientific Project Officer - Climate Change and Agriculture scientist****POSITION FOR:**

Member of the contract staff FGIV– art. 3b of the Conditions of Employment of Other Servants

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>)

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) 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 current vacancy is in the Directorate for Sustainable Resources, Food Security Unit (Ispra, Italy), which contributes to the scientific development towards a more effective management of EU policies related to agriculture and food security, sustainability, and climate change.

This position enhances the unit's capacities to assess mitigation, adaptation and resilience in the agricultural sector.

**WE PROPOSE:**

The candidate will contribute to integrated analysis of policy-relevant transformative pathways to improve the resilience of the EU agricultural sector, with a focus on climate mitigation and adaptation.

The successful candidate will be in charge of:

- Definition of scenarios and modelling of coupled crop model/climate change scenarios/decadal forecasts in Europe on multiple timescales
- Performing integrated analysis (e.g. drought, water management, nutrients and carbon) wrt medium and long term benefits and risks of key-mitigation and adaptation options
- Analysing model results obtained from the Copernicus programme and the wider scientific community
- Collaborating with the research community in joint analyses.
- Communication and dissemination of results and ensuring feedback with policy making via partner DGs, other Commission services, and other stakeholders.

**WE LOOK FOR:**

The ideal candidate should have completed university studies (M.Sc) attested by a diploma in (agro) meteorology, agronomy, environmental sciences, or a closely related discipline.

Essential requirements are

- At least 3 years of job related professional experience in a field relevant to the position;
- Good knowledge and understanding of meteorology and climate change, agronomy and agricultural production systems;
- Extensive experience in using crop growth models and/or biogeochemistry models with a focus on climate change;
- Good skills in analysis and interpretation of large datasets, scientific programming and scripting;
- Good skills in writing and communicating to scientific and non-scientific audiences as well as to the general public;
- Ability to both work independently and in a team;

- Knowledge of English (B2).

The following skills are an advantage:

- A Ph.D. in (agro-)meteorology, agronomy, environmental sciences, or a closely related discipline;
- An understanding of the role of performance monitoring in the EU Common Agricultural Policy and the EU climate policies;
- Specific experience in Python, R, C/C++ or other programming languages.

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Ispra (IT)

**ELIGIBILITY CRITERIA:**

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the EPSO Permanent CAST [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en)

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers> (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**RECRUITMENT POLICY:**

The Joint Research Centre

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