



2021-IPR-E1-FGIV-018649

FG IV - Scientific Project Officer In Climate Services

POSITION FOR:

Member of the contract staff IV – 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 Directorate for Space, Security and Migration, Disaster Risk Management Unit.

The Unit works to improving the EU resilience to crises and disasters while achieving the Sustainable Development Goals. It focuses on early warning systems, integrated risk analyses, and impact assessments under current and future climate conditions.

WE PROPOSE:

A scientific officer position to perform research on climate extremes and climate services as a basis for drought monitoring and forecasting as well as climate predictions. The selected candidate will contribute to the mission of the Unit by focusing on resilience to and predictability of climate extremes such as drought and heat waves at the European and global scales, a deliver scientific solutions in line with the EU climate change adaptation and disaster risk management policy. The candidate will work in the team responsible for the European and global drought observatories (EDO and GDO; <https://edo.jrc.ec.europa.eu>) of the Copernicus Emergency Management Service.

The successful candidate will be in charge of:

- Integrating effectively climate forecasts and predictions, at different time scales, into the existing climate services and early warning systems of the Unit;
- Improve drought predictability by better understanding its precursors, the land-atmosphere interaction across scales, and the teleconnection effects;
- Analyse the multi-sectorial impacts of drought and heat waves under current and future climate conditions;
- Dissemination/publication of results both at scientific and policy-making level;
- Initiate and maintain constructive dialogue with colleagues on status and requirements of drought forecasting and prediction;
- Report to team members and Team Leader on new modules and activities.

WE LOOK FOR:

The ideal candidate has the following essential qualifications:

- Completed university studies of at least three years attested by a diploma and at least five years professional experience in a field relevant to the position, alternatively a doctoral diploma in Mathematics, Physics, Engineering, Environmental Sciences or related field;
- Extensive knowledge/experience in Climate Sciences with a focus on climate extremes and climate services;
- Broad knowledge in the area of climate predictions;
- Broad knowledge of programming languages, such as R and Python;
- Good oral and written communication skills in English (B2) are essential.

The following competences are an advantage:

- Knowledge of statistics including Artificial Intelligence (AI) and machine learning;
- Solid record of research activities relevant for the post including publications in international peer-reviewed journals;
- Experience and interest in translating science for policy making at different levels of governance, from local to national and European level; Creativeness and ability to work independently
- Ability to effectively work in a multi-disciplinary team and in a multi-cultural environment;
- Flexibility, commitment, resilience to work under pressure;
- Enthusiasm and willingness to learn, discuss, and interact with the other Team and Unit members;
- Knowledge of other languages is an advantage.

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

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.