



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-IPR-E1-FGIV-018650

**FG IV - Scientific Project Officer -
Data scientist for the DRMKC to contribute to the
development and implementation of methods and
guidelines for multi-hazard risk assessment**

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 newly adopted Regulation reinforcing the Union Civil Protection Mechanism (Regulation EC 2021/836 of 20 May 2021) advocates for investment in prevention of disasters across borders and sectors, and for comprehensive risk management approaches that underpin prevention and preparedness, taking into account a multi-hazard approach and the likely impacts of climate change. The legislation has also tasked DG ECHO to enhance the capacity of the Emergency Response Coordination Centre to anticipate, prepare for and respond to more complex, transboundary and cross-sectoral disasters including their cascading effects.

The DRMKC is already providing guidance and technical support to DG ECHO and Member States for the development of national risk assessments and for the overview of natural and man-made disaster risk at EU level. The DRMKC is also supporting DG CLIMA with “Climate Risk Assessments” under the Adaptation Strategy (COM(2021) 82 final) and the Mission on Climate Adaptation.

It is foreseen to continue the support activities in:

- putting forward recommendations for the improved disaster risk assessment and management in Europe ,
- providing scientific guidance on methodologies, good practices and recommendations for comprehensive, multi-hazard risk assessments involving complex chains of scenarios,
- supporting with the development of EU disaster resilience concepts, resilience goals definition, implementation and monitoring including scenario building.

WE PROPOSE:

The selected candidate will contribute to the assessment of the data and science landscape for the development and implementation of multi-hazard risk assessments by:

- integrating information on drivers, exposure, current hotspots and future scenarios of multi-hazard risks,
- developing a systematic and comprehensive risk assessment capturing multiple natural hazards.
- linking disaster resilience goals and scenario building in a common framework for risk assessment.

WE LOOK FOR:

For the implementation of these tasks, a Contractual Agent FG IV with experience in Risk Assessment and excellent writing skills, for both scientific and non-specialist audiences, will be the ideal candidate.

Qualifications:

The following skills are essential:

- Experience in risk data pre-processing, analysis and visualization.

- Experience in dealing with geospatial information and integration of different data sources.
- Proven experience in report writing to disseminate key data and findings to non-technical audiences.
- Experience with knowledge management in the field of Disaster Risk Reduction
- Ability to provide hands-on analytical support and be involved in day-to-day activities of the team.
- Experience and interest in translating science for policy making at different levels of governance, from local to national and European level.
- Good communication skills (written and spoken) in English (C1).

The following skills are useful:

- Experience in Disaster Risk Management
- Experience in risk assessment including multi-hazard risk analytical tools and methods
- Capacity to translate experience with multi-disciplinary teams
- The candidate should have a proven track record of peer reviewed scientific publications.

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.