



2022-IPR-E1-FGIV-020949

**FG IV - Scientific Project Officer – Natural disasters
Modelling and Analyses**

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 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 Disaster Risk Management Unit of the Directorate for Space, Security and Migration, which provides scientific and technical support to EU policies addressing global security and crisis management.

WE PROPOSE:

A position as Scientific Project Officer to support the development of Natural Disasters modelling tools and perform analysis of ongoing events. The selected candidate will work on the analysis and modelling of natural disasters including the development of a new physical model.

Main tasks will include:

- Revision of the original models developed and operationally running in the Global Disasters Alerts and Coordination System (GDACS, www.gdacs.org).
- Preparation of a document summarising the details of the various models.
- Development and testing of the new model
- Implementation of the new model in the operational system of GDACS and testing against a number of relevant events.

In addition, the candidate will assist with the deployment of results in the European Emergency Response Coordination Centre.

WE LOOK FOR:

We are looking for a scientific and technical support officer to carry out scientific and technical tasks related to the work in disaster response and disaster risk reduction activities.

We look for a proactive individual with a strong background (3 years' experience after university degree in Meteorology or Physics or Seismology, better if at least Master degree and at least 3 years job) or a PhD.

The candidate should have related experience in cyclone modelling or seismological impact modelling. Very good communication skills (written and spoken) in English are expected.

The following skills are essential:

- Experience in handling and analysing large datasets
- Code proficiency in python
- Experience in handling geodatabases
- Experience in Geographic Information Systems
- Demonstrated self-initiative with the ability to work in a team
- Good communication skills (written and spoken) in English (B2)

Any of the following skills are an advantage:

- Experience with knowledge management

- Experience in statistical analysis
- Experience in text mining
- Experience with multi-disciplinary teams or multi-hazard solutions

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://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en (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 JRC

- 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.