



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2022-IPR-E2-FGIV-019935

FG IV – Project Officer – Critical Infrastructure
Modeller

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 Technology Innovation in Security Unit within the Directorate for Space, Security and Migration of the JRC.

The JRC, in collaboration with the Center of Excellence for countering ‘Hybrid Threats’, has developed a conceptual model to characterize and describe Hybrid Threat related activities. However, as not all attack vectors can be foreseen, building resilience is again paramount when it comes to countering Hybrid Threats. As Hybrid Threats influence multiple sectors of society in complex ways, building sectorial resilience is only part of the solution. Instead, whole of society resilience must be built.

WE PROPOSE:

The successful candidate will join a team which performs research in Hybrid Threats as well as Critical Infrastructure Protection. S/he will carry out scientific research in Hybrid Threats as well as building resilience against Hybrid Threats, conceptualization of models and tools for Hybrid Threat analysis.

Working within a team of other scientists to support EU policy making cycle of the European Commission, the candidate will have to carry out research and publish high level strategic documents, scientific publications, guidance material and technical reports on the above-mentioned topics. It is also expected to network with policy DGs and EEAS for supporting the conceptualization, development, implementation and review of security related analysis tools.

Main tasks will include:

- Performing research in Hybrid Threats as well as building resilience against Hybrid Threats.
- Performing research in building CI resilience.
- Conceptualization and implementation of models as well as tools for CI resilience and resilience against Hybrid Threats.

WE LOOK FOR:

An IT specialist/Modeller/Engineer who should be able to produce high-quality technical/scientific work in a flexible, fast-evolving environment.

Qualifications:

- (required) PhD degree - or a minimum of 5 years of full-time research/relevant professional experience after the first University degree giving access to doctoral (PhD) studies, in the field of IT, engineering, physics, mathematics or similar
- (required) Expert knowledge in software development
- (required) To hold, have held or be able to obtain a security clearance at the level of EU SECRET
- (required) Good knowledge of English (B2)
- (required) Expert knowledge of relevant research fields (Hybrid Threats, risk, security, CBRNE, critical infrastructures)
- (asset) Familiarity with EU policies in the field of security and defense and in particular critical infrastructures and Hybrid Threats

– (asset) Experience in handling classified material
– (asset) A good record of relevant publications in reputed Journals
– (asset) Experience in relations with high-level stakeholders, e.g. higher national administration or international institutions.
Dynamic, motivated, adaptable to the JRC’s specific role in EU policy support.

INDICATIVE CONTRACT’S DURATION:

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

PLACE OF WORK:

Ispira (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.