



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-IPR-E4-FGIV-016808

**FG IV - SCIENTIFIC PROJECT OFFICER -
SECURITY AND PROTECTION OF PUBLIC
SPACES**

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 Directorate for Space, Security and Migration, Safety and Security of Buildings Unit. The mission of the Directorate is to focus on emergency preparedness, disaster risk management and resilience in cases of natural and man-made hazards. It covers the fight against crime and terrorism, including combatting the illicit trafficking of people, drugs and weapons; it focuses on cyber security, data protection and space infrastructures as well as the use of communications data by security and intelligence agencies. It also includes certain technical aspects relating to the implementation of Treaties and Conventions on the non-proliferation of nuclear, chemical and biological weapons. It studies the implications of demographic change and analyses the root causes, likely scale, timing and impact of migration. It will also serve the Foreign and Security, Humanitarian Aid and Civil Protection, Human Rights, Justice and Home and Institutional Affairs policy areas including the perspective of the emerging Digital Single Market.

Safety and Security of Buildings Unit has the task of performing research on security, safety and efficiency of physical infrastructures and their critical elements to create harmonized guidelines for better European competitiveness in the building sector. The Unit conducts research on the protection of public spaces against explosions, vehicle ramming, derailing and other malicious acts. It is involved in the policy cycle towards the creation of the European Security Union through close cooperation with scientific networks and policy DGs, publication of guidance material, and participation in the standardization process of security products. The post is located in Ispra, Italy.

Further information: <https://ec.europa.eu/jrc/en>

WE PROPOSE:

The job we propose is as a project officer who will conduct and coordinate research in the areas of security and the protection of public spaces with particular emphasis on modelling towards a holistic approach to risk assessment and risk management.

The job encompasses both scientific work and project management tasks. The job holder will be expected to develop numerical models related to the protection of public spaces, to publish guidance material and technical reports, and at the same time to network with policy DGs and relevant stakeholders towards the dissemination of the research and the conceptualization of new areas of policy and research related to the protection of public spaces. It is a position that offers the opportunity to participate and shape the Commission's policies in the field in line with the EU [Security Union Strategy](#).

WE LOOK FOR:

The job requires an engineering background with expertise in transient dynamics pertaining to blast and impact loads. Experience in numerical simulations is fundamental for this position. The candidate must demonstrate written and oral communication skills, the ability to communicate technical information to both scientific audience and to policy makers or non-experts, as well as a proactive

attitude to networking.

The following elements will be evaluated:

- A Master's degree is a must;
- A Master's degree in the field of structural engineering with a PhD is considered as an advantage;
- At least 5 years of working experience in a relevant research field including numerical modelling and simulations (risk, vulnerability, protection, security analysis methods) is a must;
- Experience in transient numerical simulations for blast and impact loading or in the protection of public spaces will be considered an advantage;
- Relevant publications and presentations will be considered an advantage;
- Very good knowledge of English (B2) language both written and spoken is a must.

INDICATIVE CONTRACT'S DURATION:

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

PLACE OF WORK:

Ispra (IT)

RULES AND ELIGIBILITY:

To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

You can be added to an EPSO reserve list if you complete successfully an EPSO selection procedure.

Candidates who are on a valid EPSO reserve list or have applied to an EPSO selection procedure can apply to this specific position through <http://recruitment.jrc.ec.europa.eu/?type=AX>.

How to apply to an EPSO selection procedure?

Apply either to the permanent EPSO call (CAST Permanent) https://epso.europa.eu/documents/2240_en or a specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

The CAST Permanent reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), whereas the specialised reserve list for researchers (JRC Call COM/1/2015/GFIV – Research) is mainly used by the JRC.

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.