



2021-IPR-E-000-017529

Knowledge management in security, space and defense

Position for:
2 trainees

As the science and knowledge service of the Commission, the mission of 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/en>

Short description of activity:

The successful candidates will carry out scientific support tasks related to setting up the EU Observatory Critical Technologies.

The trainees will assist in mapping, monitoring and analysing the evolving technology landscape in civil security, space and defence domains to ensure cross-fertilisation between the three research dimensions. This includes also support in foresight activities, such as horizon scanning and megatrends monitoring in the security, space and defence domain.

These activities are carried out by the Knowledge for Security & Migration Unit of JRC. The activities will allow the trainees to gain insight into the various phases of the knowledge management cycle: capture (e.g. data and text mining), curation (e.g. knowledge graphs and content management), analysis (data analytics) and visualisation (e.g. infographics) related to scientific and technical work in support of policy making.

Irrespective of the academic background of the candidates, good analytical skills are needed.

Qualifications:

Essential:

- University degree in any of the following areas: engineering, science (including data science, library science, political science), or

	<p>other field as long as there is sufficient analytical content with exposure to quantitative or qualitative methods;</p> <ul style="list-style-type: none"> • Good command of English (B2). Other languages would be an asset; • Aptitude to work in a multicultural environment. <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Experience with data and/or text mining, • Experience with Natural Language Processing or Machine Learning; • Experience with content management systems and databases; • Experience with foresight for science, technology and innovation; • Experience in using statistical and relevant IT packages (Python, R, SPSS or similar); • Familiarity with data visualization/data exploration techniques. <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Directorate Unit	Dir E - Space, Security and Migration Unit E.7 - Knowledge for Security & Migration
Indicative duration	5 months
JRC Site	Ispra site
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact:</p> <p>HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>