



2018-IPR-E-000-9969

Composite security indicators

Position for:

Trainee

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: <http://www.jrc.ec.europa.eu>

Short description of activity:

The Trainee will give support to the Unit Safety and Sustainability of Buildings where he/she will be integrated in a team dealing with the protection of buildings and other physical infrastructures against explosions due to terrorist attacks or accidents.

Classical risk approaches are well established for natural and man-made non-intentional hazards like earthquakes. The risk of terrorism as an intentional hazard is particular and there is a lack of publicly available approaches. The unit has long experience in dealing with event based data related to terrorism. However, using only data of past terrorist events to determine the risk of terrorism is not sufficient. Adding data to the analysis could improve the risk indicator.

The trainee will (a) review the data sources concerning terrorism that are freely available and identify possible indicators and related data sets (b) contribute to the statistical analysis of the identified indicators; and (c) contribute to the construction of a more complex structure, such as a terrorism indicator or scoreboard.

	<p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • University degree in Statistics, Mathematics or in a similar field. Applications from students currently preparing a thesis for an MSc degree are eligible. The thesis has to match with the project call. • Good knowledge of the English language (level B2). <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Experience using statistical software is an asset • Previous research or professional experience relevant to the topic of the call and experience in statistical analysis of indicators will be considered an advantage. <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>
Unit / Directorate	<p>Space, security and Migration Safety and Security of Buildings</p> <p>Further information: https://ec.europa.eu/jrc/en</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>