



2017-IPR-E-000-8847

Development of compound flood risk tools

<p>Position for:</p> <p>Trainee</p>	<p>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.</p> <p>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</p> <p><u>Short description of activity:</u></p> <p>The Disaster Risk Management Unit of the JRC provides information and decision making tools to support EC policy makers in the efficient and effective management of risks due to extreme weather driven hazards under today's and future climates. We are looking for a trainee to contribute to assessing coastal risks in present and future climate at European and global scale. The trainee's primary duties involve supporting the development and application of tools for modelling compound river and coastal flood events and their impacts. The trainee should further contribute to the reporting of the performed activities in internal reports and peer reviewed journal publications.</p> <p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none">• University degree in a field related to Earth, Ocean or Atmospheric Sciences or Engineering.• Knowledge of risk or damage estimation, stochastic modelling• Strong analytical and programming skills• Good oral and written communication skills in English (level B2)
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	<ul style="list-style-type: none"> The successful applicant is expected to be creative, be able to work independently and to have a record of research activities including publications in international peer-reviewed journals. <p><u>Advantage:</u> Experience in modelling climate extreme events and their impacts as well as knowledge of Python, Matlab and R are highly appreciated.</p> <p>The Joint Research Centre is an equal opportunity employer and is committed to increasing the diversity of its staff. It welcomes nominations of and applications from women and minority groups.</p> <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>
Institute/Directorate Unit	<p>Directorate Space, Security and Migration Disaster Risk Management Unit – E.1 ADAPTATION</p> <p>Further information: https://ec.europa.eu/jrc/en/search/site/flood</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: JRC-ESRA@ec.europa.eu</p>