



EUROPEAN COMMISSION

DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate B - Resources
Recruitment and Training

2015-IPR-G2-FGIV-4454

**FG IV Scientific/Technical Project Officer –
Computer Modeller in Coastal Inundation**

<p>Position for:</p> <p>FG IV Scientific/Technical Project Officer</p>	<p>The Global Security and Crisis Management Unit of the Institute for the Protection and Security of the Citizen is looking for a modeller in the area of coastal inundation and surge forecasting for the development of an integrated monitoring system that brings together satellite-based monitoring as well as coupled wave, tide and surge forecasting to produce an integrated impact-based analysis.</p> <p>The candidate will contribute to the development and validation of a new integrated package for coastal Flood monitoring/assessment; develop the inundation modelling tool, integrating it in an existing operational calculation structure (Storm Surge Modelling); estimate flood probabilities by analysing the recurrence and impact of historical events.</p> <p>We look for a proactive individual with a MSc degree (or equivalent degree giving access to doctoral studies) in computer modelling activities or related fields (hydraulic engineer, physical science or similar), followed by at least 3 years of professional experience (or a PhD) of interest to the project needs. The candidate must have good programming skills (FORTRAN, C and bash). Experience with the use, development of hydraulic codes and/or experience with natural disaster modelling would be an advantage. Very good command of the English language (spoken and written) is necessary.</p>
<p>Institute Unit</p>	<p>Institute for the Protection and Security of the Citizen (IPSC) Global Security and Crisis Management Unit (G.2)</p> <p>Further information: https://ec.europa.eu/jrc/en/institutes/ipsc</p>
<p>Indicative duration</p>	<p>12 months initial contract with possible renewals up to maximum 6 years</p>
<p>JRC Site Country</p>	<p>Ispra Italy</p>

Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV:</p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</p> <p>Auxiliary contract staff: http://ec.europa.eu/dgs/jrc/index.cfm?id=3730</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>
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