



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

2015-IPR-H-000-4474

Global coastal hazard modelling in view of climate change

Position for:

Trainee

Short description of activity:

The Climate 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 the development of a harmonized coastal risk assessment and management tool scheme at pan-European scale. The trainee will contribute to the development of the Global coastal impact assessment tool and her/his primary duties involve supporting the development of (i) a global storm surge forecasting modelling system; (ii) dynamic scenarios of catastrophic coastal hazards in view of climate change in a global scale; (iii) contribute to the reporting of the performed activities in internal reports and peer reviewed journal publications.

Qualifications:

The ideal candidate has a University degree in a field related to Earth, Ocean or Atmospheric Sciences. Experience with ocean circulation modelling and coastal processes, stochastic time-series analysis and handling large geo-science datasets, as well as strong analytical, and programming skills, are required. Experience in flexible mesh generation and storm surge modelling is highly appreciated.

The successful applicant is expected to be creative, be able to work independently, to have good oral and written communication skills in English (level B2), and to have a record of research activities including publications in international peer-reviewed journals.

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

	<p>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>Institute for Environment and Sustainability Climate Risk Management Unit - H07</p> <p>Further information: http://ies.jrc.ec.europa.eu/the-institute/units/climate-risk-management.html</p>
Indicative duration	5 months
Preferred starting date	01/05/2015
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>