



2019-IPR-E1-FGIV-013311

FG IV – Scientific Project Officer -Flood Early Warning Systems

<p>Position for:</p> <p>FGIV- Scientific Project Officer</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: https://ec.europa.eu/jrc/</p> <p>The current vacancy is with the Disasters Risk Management Unit of the Space, Security and Migration Directorate. This Unit provides scientific and technical support to EU policies addressing global security and crisis management. The unit is also responsible for the Copernicus Emergency Management Service which includes the European and Global Flood Awareness Systems (EFAS and GloFAS).</p> <p>The successful candidate will perform research and development to improve GloFAS especially through the improvement of the hydrological model LISFLOOD and by taking into account feedback from key end-users such as the Emergency Response Coordination Centre. He/she will be part of the team that is responsible for policy support in the field of flood risk management as well as the management and further evolution of the Copernicus Emergency Management Service.</p> <p>The successful candidate will perform the following tasks:</p> <ul style="list-style-type: none">• Evaluating how processes and methods (e.g. routing, infiltration, snow melt, reservoirs, etc.) in the open-source hydrological model LISFLOOD can be further improved especially with a view on improving the global hydrological simulations;• Assess whether the integration of additional data (e.g. from earth observation or other relevant sources) can improve the global hydrological LISFLOOD simulations• Improve the open-source calibration tool and perform a LISFLOOD model calibration for the global set up• Contribute to the scientific output through peer reviewed publications• Support the organisation of the annual Global Flood Partnership meetings <p>Qualifications:</p> <p>The ideal candidate must have a degree in a relevant scientific area (atmospheric/geo/hydrologic /natural sciences, environmental engineering) together with a minimum of 3 years of research experience or a Ph.D.</p> <p>Experience in using and developing large-scale hydrological models; good programming (Python) and statistical / data</p>
--	---

	<p>analytical skills are essential.</p> <p>Experience in one or more of the following fields is an advantage: remote sensing, GIS, data assimilation and machine learning methods.</p> <p>S/he should be a team player and be willing to learn and adapt to new tasks. Good communication skills (written and spoken) in English are expected (level C1).</p> <p>The candidate should have a proven track record of peer reviewed scientific publications.</p>
Directorate Unit	<p>Space, Security and Migration Disaster Risk Management Unit</p> <p>Further information: https://ec.europa.eu/jrc/</p>
Indicative duration	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispira</p> <p>Italy</p>
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.</p> <p>If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.</p> <p>You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.</p> <p>1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents. https://epso.europa.eu/documents/2240_en</p> <p>2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</p> <p>Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>Article 3b of the Conditions of Employment of Other Servants of the European Union applies: the actual period of employment within the Commission under this type of contract, including any period under renewal, shall not exceed 6 years.</p> <p><i>Please note that in case a high number of applications is received only shortlisted candidates will be contacted.</i></p>