



2019-IPR-D2-FGIV-011105

**FG IV – Project Officer – Scientific Research -  
 Energy and Water resource availability**

<p><b>Position for:</b></p> <p><b>FG IV – Project Officer /          Scientific Research</b></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: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p> <p>The Water and Marine Resources Unit provides scientific and technical support to Commission services. In particular, its mission is to carry out scientific assessments addressing societal and economic challenges deriving from the evolving vulnerability of the European and global water environment.</p> <p>It contributes innovative solutions to sustainably manage water resources in the face of increasing trends of global population, urbanization, pollution, over-exploitation, land use and climate change and ensures that they are adequately linked to policy development and implementation.</p> <p>In the context of the Water-Energy-Food-Ecosystem Nexus project, the candidate will develop conceptual and mathematical models to be applied for the analysis of coupled energy and water systems, and the costs and benefits of specific management options, at the scale of the whole European Union or large regions including the Mediterranean area.</p> <p>Her/his duties will include retrieving and harmonizing data at European scale, conduct statistical analyses and appraisal of solutions both in technical terms, and in terms of cost-effectiveness or costs-benefits.</p> <p>Qualifications:</p> <p>S/he must hold a PhD (or an equivalent working experience) in water engineering or other related disciplines.</p> <p>S/he must be familiar with the main concepts of engineering of the urban water cycle, from raw water to treated wastewater, the main technologies and management issues.</p> <p>Hands-on knowledge of statistics, feasibility assessment of water projects, and engineering computing for the sizing of infrastructure (reservoirs, pipelines, pumping stations etc.) are required.</p> <p>GIS and database management skills, as well as a capacity to read documents in multiple EU languages are an asset.</p> <p>Good knowledge of English (B2) is required.</p>
<p><b>Directorate          Unit</b></p>	<p>Sustainable Resources          Water and Marine Resources</p>

	Further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a>
<b>Indicative duration</b>	36 months initial contract with possible renewals up to maximum 6 years
<b>JRC Site</b> <b>Country</b>	Ispra Italy
<b>Rules and eligibility</b>	<p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> <li>1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: <a href="https://epso.europa.eu/documents/2240_en">https://epso.europa.eu/documents/2240_en</a></li> <li>2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers">https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers</a></li> </ol> <p><b>Auxiliary contract staff:</b> <a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</a></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 due to the high number of applications received only shortlisted candidates will be contacted.</i></p>