



2017-SVQ-D4-FGIV-8448

FG IV Project officer - Economic Researcher

<p><b>Position for:</b> <b>FG IV Project officer</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 Economics of Agriculture Unit focuses on the analysis of agricultural and trade policies in the EU and third countries. The focus of its work is expanding to take into account the impact of agricultural policy in other domains such as the environment, climate change or food security. In addition it is also analysing the impact of policies designed to tackle those domains on agricultural activities. The policy support provided by the Unit is based on quantitative economic research, in particular using economic modelling tools. In collaboration with the Water and Marine Resources Unit located in Ispra (Italy), the unit is now engaging in new activities analysing the use of water in the agricultural sector and its impacts on energy, food and ecosystems.</p> <p>The unit proposes a position as researcher to contribute to the <b>quantitative analysis of EU policies related to the use of water in agriculture</b>.</p> <p>Main tasks will be to:</p> <ul style="list-style-type: none"><li>- develop and maintain a water module to be incorporated to an agricultural economic model;</li><li>- contribute to the analysis of the linkages between water, energy, food and ecosystems from a quantitative perspective;</li><li>- contribute to the analysis of climate change impacts and mitigation options in agriculture;</li><li>- contribute to the maintenance of the suite of partial equilibrium models hosted in the unit as part of the iMAP Platform;</li><li>- further develop and improve the above mentioned models, including writing programming code;</li><li>- conduct economic analyses, including preparation and presentation of reports, summaries of results for policy briefings and academic papers;</li><li>- contribute to the cooperation with policy services and development of the international network of cooperation of JRC.</li></ul> <p>Qualifications:</p> <p>The ideal candidate should have:</p> <ul style="list-style-type: none"><li>- Ph.D. in Agricultural Economics, Applied Economics, Mathematics, Physics, Statistics or related field or a minimum of 5 years of research experience after the first degree giving access to doctoral studies;</li><li>- a solid experience in quantitative methods/tools for economic impact assessments;</li></ul>
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	<ul style="list-style-type: none"> <li>- be familiar with the issue of water use in agriculture (desirable);</li> <li>- be familiar with the relationship between climate change and agriculture (desirable)</li> <li>- a good knowledge of GAMS programming language;</li> <li>- be familiar with large scale partial equilibrium models for agriculture, ideally of the CAPRI model;</li> <li>- a good understanding of microeconomics of farm behaviour;</li> <li>- the ability to manage and monitor research projects, good communication skills and ability to work in a multi-cultural and interdisciplinary environment;</li> <li>- a very good level of written and spoken English (C1).</li> </ul>
<b>Directorate Unit</b>	<p>Sustainable Resources Economics of Agriculture</p> <p>Further information: <a href="https://ec.europa.eu/jrc/">https://ec.europa.eu/jrc/</a></p>
<b>Indicative duration</b>	12 months initial contract with possible renewals up to maximum 6 years
<b>JRC Site</b> <b>Country</b>	<p>Seville</p> <p>Spain</p>
<b>Rules and eligibility</b>	<p><b>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:</b></p> <p><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></p> <p>Auxiliary contract staff: <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><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>