



2019-SVQ-D4-FGIV-011372

**Project Officer – Economic Researcher
Climate change and agriculture**

Position for:

**FG IV - Economic Researcher
Climate change and agriculture**

The Joint Research Centre (JRC) is the European Commission's in-house science service. Its mission is to provide EU policies with independent, evidence-based, scientific and technical support throughout the whole policy cycle. Working in close cooperation with policy Directorates-General, the JRC addresses key societal challenges while stimulating innovation through developing new methods, tools and standards, and sharing its know-how with the Member States, the scientific community and international partners. Further information is available at: <https://ec.europa.eu/jrc/en>

Unit JRC.D.4 "Economics of Agriculture" 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.

The unit proposes a position of a researcher to contribute to the **quantitative analysis of climate change mitigation and adaptation policies in EU agriculture.**

Main tasks will be to:

- incorporate the most relevant climate change policies and indicators to a global agricultural economic model;
- contribute to the analysis of climate change impacts and mitigation/adaptation options in the agricultural sector;
- contribute to the economic analysis of the Common Agricultural Policy, with especial focus on its elements leading to higher environmental performance in EU agriculture;
- contribute to the maintenance and integration of a suite of partial equilibrium models hosted in JRC.D.4 unit;
- further develop and improve the above mentioned models, including writing programming code;
- conduct economic analyses, including preparation and presentation of reports, summaries of results for policy briefings and academic papers;
- contribute to the cooperation with policy services and development of the international network of cooperation of JRC.

The ideal candidate should:

- have a PhD (doctoral diploma) in Agricultural Economics, Applied Economics, Mathematics, Physics, Statistics or related field or a minimum of 5 years professional experience after university studies of at least 3 years attested by a diploma.
- have a solid experience in quantitative methods/tools

	<p>for economic impact assessments;</p> <ul style="list-style-type: none"> – be familiar with the relationship between climate change and agriculture (desirable); – have a good knowledge of GAMS programming language; – be familiar with large scale partial equilibrium models for agriculture, ideally of the CAPRI model; – have a good understanding of microeconomics of farm behaviour; – have the ability to manage and monitor research projects, good communication skills and ability to work in a multi-cultural and interdisciplinary environment; – have a very good level of written and spoken English (C1).
Directorate / Directorate Unit	<p>Directorate: Sustainable Resources (JRC.D) Unit: Economics of Agriculture Unit (JRC.D.4)</p> <p>Further information: https://ec.europa.eu/jrc/en</p>
Indicative duration	<p>36 months initial contract with possible renewals up to maximum 6 years.</p>
JRC Site Country	<p>Seville</p> <p>Spain</p>
Rules and eligibility	<p>In order to apply for this position 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>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: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</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 due to the high number of applications received only shortlisted candidates will be contacted.</i></p>