



2022-SVQ-C6-FGIV-022191

FG IV – Applied Economist for Climate Risk Analysis

**POSITION FOR:**

Member of the contract staff FGIV – art. 3b of the [Conditions of Employment of Other Servants](#)

**WE ARE:**

As the science and knowledge service of the Commission, the mission of DG Joint Research Centre (JRC) is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available on the [JRC website](#).

**The current vacancy is in JRC.C.6 - Economics of Climate Change, Energy and Transport Unit / Directorate C : Energy Transport & Climate of the JRC:** The Unit JRC.C.6 "Economics of Climate Change, Energy and Transport" (ECET) conducts economic analysis of climate, energy and transport policies, both at the EU and global levels, using different databases and expertise with in-house economic models and econometric tools.

**WE PROPOSE:**

The ECET unit offers a position as applied economist to contribute to the European climate risk assessment. The main objective of this project is to assess the impacts of climate change in and outside Europe on the EU. The research underpins climate policy actions under the European Green Deal, EU Adaptation Strategy and Paris Climate Agreement. The analysis integrates JRC and international climate, biophysical and socioeconomic modelling to assess a wide range of impacts of climate change: on people, ecosystems, human assets and economic sectors (see for instance [https://joint-research-centre.ec.europa.eu/peseta-projects/jrc-peseta-iv\\_en](https://joint-research-centre.ec.europa.eu/peseta-projects/jrc-peseta-iv_en)). The candidate will work in a dynamic team with leading experts in climate variability and change, including extreme events, and the socioeconomic impacts of climate change on several sectors.

The main tasks of this position include:

- Conducting quantitative economic analyses that support ex-ante impact assessments for policy initiatives of DG CLIMA and DG REGIO in the context of EU domestic and the international climate agenda;
- Contribute to the development, calibration and validation of modelling tools for the assessment of long-term socio-economic impacts of climate change with a particular focus on regional heterogeneity and spatial interactions;
- Developing methods and tools to assess the aggregated socio-economic impact of climate change and the design of efficient adaptation strategies;
- Contributing to JRC publications, such as science for policy reports and policy briefs, along with internal and external communication on these;
- Collaborating with other teams on various policy-relevant scientific topics, in the unit, with other JRC and EC units, or with external contractors (for instance climate change impact assessment, linking specialized models);
- Participating actively to the international climate impacts research fora: contribution to research projects, evaluation of research results, drafting of scientific publications.

**WE LOOK FOR:**

Candidates should have a minimum of 5 years professional experience after university studies of at least 3 years attested by a diploma, or a PhD;

Applied economics: Candidates should have experience and demonstrated training in the methods of applied economics, econometrics, economic growth and development, preferably in the context of climate change. Familiarity with the application of spatial econometric techniques and spatial economic models and data analysis will be highly valued;

Modelling skills: Candidates should have ease in manipulating quantitative information and datasets. Knowledge of programming software and languages (such as R, Python, Matlab or Stata) is an important asset and will be highly valued;

Scientific record: The successful applicant is expected to have an excellent record of research activities including publications in international peer-reviewed journals.

Communication and dissemination of knowledge: The candidate should present good written and oral communication skills. The selected candidate will be working closely with colleagues in an international environment; teamwork and a spirit of collaboration will be strongly valued.

An advanced level of written and spoken English is essential; knowledge of Spanish is not a necessary requirement (note that courses of Spanish are provided to people interested).

**INDICATIVE CONTRACT'S DURATION:**

36 months initial contract with possible renewals up to maximum 6 years.

**PLACE OF WORK:**

Seville (ES)

**ELIGIBILITY CRITERIA:**

Candidates for this contract agent post shall:

– (i) have passed a valid EPSO CAST selection procedure;

or

– (ii) be registered in the [EPSO Permanent CAST](#)

or

– (iii) be registered [in the Specialised Call for Researchers](#) (used mainly by the JRC).

With a valid application number to one of the above, you may then apply for this specific vacancy at JRC through its [vacancy page](#).

**RECRUITMENT POLICY:**

The Joint Research Centre

- Cultivates a workplace based on respect for other people and the environment.
- Embraces non-discriminatory practices and equality of opportunity. In case of equal merit, preference will be given to the gender in minority.