



2022-SVQ-C6-FGIV-021088

FG IV – Spatial Economist for Climate risk analysis

**POSITION FOR:**

Member of the contract staff FGIV – art. 3b of the Conditions of Employment of Other Servants  
<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=CONSLEG:1962R0031:20110101:EN:PDF>

**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 at: <https://ec.europa.eu/jrc/>

The current vacancy is in Directorate C (Energy Transport & Climate), Unit JRC.C.6 - Economics of Climate Change, Energy and Transport Unit of the JRC. The Unit 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 unit offers a position as Spatial Economist for Climate risks analysis. The main tasks of this position, under the responsibility of the scientific officer responsible, include:

- Contribution to the development, calibration and validation of regional economic modelling tools for the assessment of long-term economic impacts of climate change in Europe, with a particular focus on regional heterogeneity (NUTS2) and cross-region interactions;
- Support to the European Commission services for policies in analysing the sector-wise impact of climate change, specifically addressing the relative efficiency of alternative adaptation options.
- Implement the regional model for sectoral climate impact studies (e.g. sea level rise, river floods, droughts, high temperatures) and multi-hazard climate change impacts (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));
- Produce quantitative analyses that support ex-ante impact assessments for EU policy initiatives in the context of the EU climate agenda;
- Address the economic impact of climate-change –induced extreme events and identification and analyses of suitable adaptation/protection strategies;
- Study the effectiveness of fiscal instruments in climate-change-related policies (green fiscal reforms) and evaluate the potential gains in terms of reduced economic distortions.
- Follow up the technological, economic, regulatory and organisational aspects trends in the area of climate impacts and adaptation and/or green fiscality, including existing EU legislation;
- Contribute to science for policy reports and policy briefs, along with internal and external communication on these;
- Collaborate 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);
- Participate actively in the international climate impacts research fora: contribute to research projects, evaluate research results, and write 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;

- Spatial economics: Candidates should have experience and a demonstrated training in the theory and methods of economic geography, spatial economics, regional economics, economic growth and development, preferably in the context of climate change and its impacts and dynamics.
- 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; having publications in international peer-reviewed journals is an important asset and will be highly valued.
- Communication and dissemination: 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 (C1 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 <https://epso.europa.eu/en/documents/call-expressions-interest-0>

or

– (iii) be registered in the specialised call for researchers [https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission\\_en](https://joint-research-centre.ec.europa.eu/working-us/jobs-jrc/temporary-positions/contract-staff-members/function-group-iv/job-opportunities-research-fellows-european-commission_en) (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: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**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.