



2022-IPR-C5-FGIV-021291

**FG IV – Project Officer – Emissions Database for
Global Atmospheric Research**

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 the Directorate for Energy, Transport and Climate. Its mission is to provide support to Community policies and technology innovation ensuring sustainable, safe, secure and efficient energy production, distribution and use, fostering sustainable and efficient mobility in Europe, providing scientific and technical analyses in support to integrated air quality, climate and related policies.

Specifically, the vacancy is in the Air and Climate Unit located in Ispra. Its mission is to provide scientific and technical analyses in support of integrated air quality, climate and related policies. It is committed to the evaluation of emissions of greenhouse gases and air pollutants, to measuring and modelling atmospheric components of relevance for human health, ecosystems and climate and to the harmonisation of monitoring and modelling techniques

WE PROPOSE:

A Contract Agent position FG IV as project officer to support the development of accurate, reliable and up to date GHG emission estimates at sub-national level over Europe as needed for territorial and urban policy analysis in the context of climate mitigation actions.

Within the Unit, the Emissions Database for Global Atmospheric Research (EDGAR) provides global historic and up to date anthropogenic emissions of greenhouse gases and air pollutants by country in time series and on spatial grids. EDGAR integrates with many activities within and outside the Air and Climate Unit and the JRC. It serves scientific communities, international organisations such as the Intergovernmental Panel on Climate Change (IPCC) and policy stakeholders (DG CLIMA, DG ENV, DG REGIO).

The selected candidate will be part of the EDGAR research group and expected to be an active member of the team. Being embedded in a project dedicated to looking at the impact of policies the job foresees cooperations between the candidate and the Unit modelling community so that s/he will contribute to the overarching goals and objectives of the Unit.

Main tasks will include:

- Update and development of the statistical database underlying the EDGAR inventory;
- Development of technical methodologies to update and extend on a regular basis GHG emission estimates up to most recent years;
- Provision of quality assessment, evaluation and services of the EDGAR database;
- Development and evaluation of GHG emissions at sub-national level;
- Sectoral disaggregation of GHG emissions based on ETS (Emission Trading System) and non-ETS GHG sectors;
- Development of high quality spatial proxies to downscale national emissions;
- Development of robust GHG emissions from the LULUCF (Land Use, Land Use Change and Forestry) sector including their spatial coverage.

WE LOOK FOR:

Candidates with a strong scientific background and a robust professional record in research and experience on topics related to Emission Inventories and with good capacity for teamwork and good communication skills.

The following skills and experience are required:

- A university degree in environmental sciences, chemistry, physics or a relevant engineering disciplines;
- At least 3 years hands-on experience in Emission Inventories;
- Working knowledge in geo-spatial analysis using Geographical Information Systems (QGIS, ArcMap);
- Working knowledge in R or Python programming languages;
- A very good written and spoken knowledge of English (B2);
- Good skills in writing and communicating to scientific and non-scientific audiences as well as to the general public.

Candidates are expected to show abilities to work in a proactive and autonomous way and to work in a team.

INDICATIVE CONTRACT'S DURATION:

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

PLACE OF WORK:

Ispra (IT)

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 (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.