



EUROPEAN COMMISSION

JOINT RESEARCH CENTRE

2021-IPR-D3-FGIV-018654

**FG IV – Project Manager, Scientific Research -
Development of Soil Organic Carbon Indicators**

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 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 Sustainable Resources Directorate, Land Resources Unit. Further information: <https://esdac.jrc.ec.europa.eu/>

As part of the Sustainable Resources Directorate, the Land Resources Unit provides policy support on how to balance competing land use demands whilst securing access to natural resources and maintaining ecosystem services. The Unit operates the EU Soil Observatory. There is strong collaboration with a range of European Commission services, European Agencies and International Organizations.

WE PROPOSE:

This position focuses on the development of indicators of soil organic carbon combining the current LUCAS soil monitoring system data in the European Union with advanced modelling applications. The candidate will develop soil organic carbon indicators to support the Common Agricultural Policy (CAP), the Sustainable Development Goals (SDGs) and the relevance of soil carbon for climate change. The indicators will be available to policy makers, users and stakeholders over the indicator dashboard of the EU Soil Observatory.

Specifically, the position will provide the regular reporting at EU scale of soil organic carbon as a key element of the indicator system of the EU Soil Observatory. The activity will be closely coordinated with the relevant Commission services (DG ENV, DG AGRI, DG CLIMA, ESTAT) and international organizations and initiatives like the Global Soil Partnership, the UNFCCC, UNCCD and the 4pour1000 initiative.

WE LOOK FOR:

Candidates should possess a degree in agronomy, soil science, earth sciences, environmental sciences or agricultural sciences. At least 5 years job-related experience on soil organic carbon modelling, soil monitoring and analysis are desirable.

The candidate is requested to have modelling experience in soil carbon cycle and dynamics in agroecosystems with particular specialization in machine learning (e.g. Digital Soil Mapping) or Biochemical model (e.g. Century, DayCent or equivalent).

A post-graduate qualification in a related field, contributions to reports about the importance of soil organic carbon in agriculture, would be an advantage. Candidates are expected to lead and contribute to scientific publications, policy briefs and technical reports that require clear, well-structured texts. In this case, a high level of written and oral English (C1) is required.

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/documents/2240_en

or

- (iii) be registered in the specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-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: <http://recruitment.jrc.ec.europa.eu/?type=AX>.

RECRUITMENT POLICY:

The JRC

- 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.