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 vacancy is within the Bio-Economy Unit (located in Ispra, Italy), which provides scientific support to EU policies related to the bio-economy, such as the sustainable production and use of biological resources, including EU policies related to Land Use, Land Use Change and Forestry (LULUCF).

We propose a challenging and stimulating position for a dynamic researcher in the field of forest modelling and terrestrial carbon fluxes. In particular, we use the Carbon Budget Model (CBM-CFS), a forest inventory-based model capable to represent the impact of human-induced and natural disturbances on the dynamics of the various carbon pools. The expected work is robustly rooted in science and highly policy-relevant.

The envisaged technical work will include:

- forest modelling aimed at: (i) helping verifying GHG inventories by Members States; (ii) supporting DG CLIMA on implementing LULUCF Regulation 2018/841; (iii) exploring scenarios of the overall forest climate change mitigation potential in the EU; (iv) supporting the development of a JRC-based biomass and GHG integrated modelling framework.
- Produce scientific publications and science for policy briefs.

Qualifications:

The ideal candidate should have a PhD in forestry, agriculture, environmental science, or related field (or a University degree and 5 years of experience after the university degree giving access to doctoral studies) and strong motivation to work in the interface between science and policy.

Research experience in forest modeling and in the analysis of forest resources/carbon cycle is required. A basic knowledge of Computer programming languages and of IPCC methods for estimating LULUCF GHG emissions and removals is an asset. A general knowledge of the EU LULUCF legislation and related EU policies will be considered as an advantage.

The candidate should have a committed, well-organized and dynamic personality, open to explore new fields and work in a team.
<table>
<thead>
<tr>
<th>Directorate Unit</th>
<th>Sustainable Resources Bio-Economy</th>
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</thead>
<tbody>
<tr>
<td>Indicative duration</td>
<td>36 months initial contract with possible renewals up to maximum 6 years</td>
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<tr>
<td>JRC Site</td>
<td>Ispra</td>
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<tr>
<td>Country</td>
<td>Italy</td>
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**Rules and eligibility**

The candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

If you are not in any valid EPSO reserve list for Function Group IV contract staff, you can still apply by following these steps.

You express your interest by applying to the CAST Permanent or to the permanent JRC Call for researchers.

1. CAST Permanent: open-ended selection procedure to create a pool of candidates from which the institutions, bodies, offices and agencies of the European Union (EU) can recruit contract agents.


2. JRC Call COM/1/2015/GFIV – Research: open-ended selection procedure to create a pool of candidates from which mainly the JRC can recruit contract agents FGIV as researchers. Details available at the link below:


Only then you can apply for this specific position, through [http://recruitment.jrc.ec.europa.eu/?type=AX](http://recruitment.jrc.ec.europa.eu/?type=AX)

**Auxiliary contract staff:**


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.

*Please note that in case a high number of applications is received only shortlisted candidates will be contacted.*