



2018-IPR-B3-FGIV-010384

**FG IV – Scientific Project Officer - LUISA Data
and spatial modeller**

Position for:

**FG IV –
Project Officer - Scientific**

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 mission of the Territorial Development Unit within the Growth and Innovation Directorate of the JRC is to perform research and analysis and to provide policy support at the crossroads of EU regional, cohesion, R&I and industrial policies, including the assessment of economic and territorial impacts, to enhance the formulation and implementation of policy and more effective and efficient use of EU funds.

LUISA is a territorial modelling platform for the ex-ante evaluation of regional and local impacts of European policies and trends. LUISA allocates (in space and time) the demand and supply of resources, the settlement of socio-economic activities and infrastructure. Biophysical suitability, policy targets and regulatory constraints, economic criteria and other factors are dynamically considered in LUISA for the allocation of population, economic activities and resources. In addition to application related to the assessment of the status of territorial cohesion (including future trends) in Europe, LUISA is applied for the analysis of urban dynamics and is being extended to Africa. LUISA operates in the frame of the Knowledge Centre for Territorial Policies, in close linkages with the regional economic model RHOMOLO.

We are looking for a researcher in the field of data analysis and spatial modelling.

The primary duties include:

- Evaluation and analysis of spatial, statistical and economic data sets suitable for territorial/urban analysis and modelling;
- Preparation and running of alternative scenarios of urban and regional developments.

Qualifications:

The ideal candidate has studied and/or has relevant experience, in at least one of the following areas: geographical information sciences, spatial analysis and spatial data processing, socio-economic research or equivalent domains in the fields of urban and/or regional development. Programming skills are considered highly positive assets.

Experience with large datasets and basis of econometric analysis are desirable, but not essential.

Candidates should ideally have a PhD (doctoral diploma)

	<p>or a minimum of 5 years professional experience after university studies of at least 3 years attested by a diploma.</p> <p>A very good level (B2) of written and spoken English is essential.</p>
Directorate Unit	<p>Growth and Innovation Territorial Development</p> <p>Further information: https://ec.europa.eu/jrc/en/luisa</p>
Indicative duration	<p>36 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispra</p> <p>Italy</p>
Rules and eligibility	<p>The candidate must be on any valid EPSO reserve list for Function Group IV contract staff.</p> <p>Applicants to the following Calls for expression of interest can also be considered:</p> <ol style="list-style-type: none"> 1. CAST Permanent - EPSO has launched in January 2017 an 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. Details available at the link below: https://epso.europa.eu/documents/2240_en 2. Call COM/1/2015/GFIV – Research - The JRC has launched in January 2015 a permanent call for researchers FG IV. Details available at the link below: https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p>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.</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>