



2017-IPR-E6-FGIV-8910

**FG IV – Project Officer - Expert for the
Knowledge Centre on Migration and
Demography**

Position for:

**FG IV –
Project Officer**

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 with the Demography, Migration and Governance Unit, of the Space Security and Migration Directorate. This Unit carries out research in support of EU policies on migration and is responsible for the Knowledge Centre on Migration and Demography.

The European Commission Knowledge Centre on Migration and Demography (KCMD) is a Commission's independent body – steered by all the relevant services – tasked to provide solid scientific evidence for the development, implementation and evaluation of migration and demographic policies, not only in the framework of the migration and refugee crisis, but also in managing migration and addressing the demographic decline in the medium to longer term.

The KCMD is there to support and help to anticipate trends, and it serves the objectives of the European Agenda on Migration. The three pillars of the KCMD are: 1) Building the evidence base, conducting analysis and foresight; 2) Exploiting the knowledge base and facilitating uptake by stakeholders; 3) Partnerships and networking to extend the knowledge base. The JRC is responsible for its daily activities.

The successful candidate will contribute to on-going underpinning lines of research in the framework of the work undertaken by the KCMD. This research will concern the use of novel and alternative data sources to fill existing gaps of information relevant for migration and mobility. The successful candidate will be requested to handle, pre-process and analyse large amount of data covering, among others, the following:

- development and testing of a model to predict migration flows and stocks on the basis of international air passengers' data;
- analysis of public perceptions on migration on the basis of data specifically collected from Twitter for the purpose;
- analysis of international mobility and ethnic segregation on the basis of mobile phone data.

The candidates should have completed post-graduate level studies in the field of data science, computer science, statistics or relevant discipline. They need to have either a PhD degree or at least 5 years of relevant working experience after their master's degree and a good publication record.

	<p>The job requires capacity to clean, pre-process and analyse large volumes of data. A good knowledge of programming in Python, R and data analytics software is required.</p> <p>Experience in developing models and in data-driven research in the fields of human mobility and migration or public perceptions will be considered an asset.</p> <p>The candidate will be expected to co-author technical reports and scientific publications, in addition to servicing requests for analysis.</p> <p>Good knowledge of oral and written English (B2 level), communication and presentation skills are necessary.</p>
Directorate Unit	<p>Space Security and Migration Migration Demography and Governance</p> <p>Further information: https://ec.europa.eu/jrc/</p>
Indicative duration	<p>12 months initial contract with possible renewals up to maximum 6 years</p>
JRC Site Country	<p>Ispra Italy</p>
Rules and eligibility	<p>The candidate must be on a valid EPSO reserve list for Function Group IV contract staff or have applied to the permanent open call for researchers FG IV:</p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-iv-researchers</p> <p>Auxiliary contract staff: https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members</p> <p><i>Please note that due to the high number of applications received only shortlisted candidates will be contacted.</i></p>