2019-IPR-C5-FGIII-011610	**FG III - Project Assistant - Database management and GIS developer**

Position for: **FGIII – Project Assistant**	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 Air & Climate Unit, within the Directorate for Energy, Transport and Climate, is working on supporting air and climate policy development and implementation. Its GHG-MoVe project supports European and international climate change policy by providing independent estimates of greenhouse gas (GHG) emissions at the European and global scales. GHG-MoVe integrates measurements, model results and emissions data and also contributes to the assessment of the co-benefits and trade-offs between air quality and GHG reduction policies by estimating global air pollutant emissions in addition to the GHGs. Its Emissions Database for Global Atmospheric Research (EDGAR) provides global GHG emissions data and air pollutants inventories (http://edgar.jrc.ec.europa.eu/). In this context we are looking for a candidate to perform database management support to further expand the database with a more complete sector-specific coverage and with more recent data, allowing the emissions monitoring in a near real time manner. The candidate will have to provide support in developing tools for the creation of high-resolution emission grid-maps making use of GIS softwares. This will also include the development and implementation of the full EDGAR-LULUCF (Land Use, Land Use Change and Forestry) dataset, which follows the definition as for the UNFCCC (United Nations Framework Convention on Climate Change) reporting required, making use of satellite data and inter-institutional collaborations. Qualifications: Suitable candidates will have at least 5 years of working experience in the field of compiling and gridding emissions inventories for atmospheric research using GIS software and tools applications. A minimum of 5 years of experience with database management using Microsoft SQL Server and MySQL is also required. Extensive knowledge of programming languages (e.g. XHTML, PHP, JavaScript code, Python) is needed for the daily work. Experience in web page administration and content management, including web-site and WIKI site management (MediaWiki) would be of advantage. A good level of the English language is required (B2).
Directorate	Energy, Transport and Climate

Unit	Air & Climate Further information: https://ec.europa.eu/jrc/en/research-topic/air-quality
Indicative duration	36 months initial contract with possible renewals up to maximum 6 years
JRC Site **Country**	Ispra Italy
Rules and eligibility	The candidate must be on a valid EPSO reserve list for Function Group III contract staff. If you are not in any valid EPSO reserve list for Function Group III contract staff, you can still apply by following these steps. You express your interest by applying to the CAST Permanent: 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. https://epso.europa.eu/documents/2240_en Only then you can apply for this specific position, through http://recruitment.jrc.ec.europa.eu/?type=AX **Auxiliary contract staff:** https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/contract-staff-members 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.*