



2022-IPR-D2-FGIII-020491

**FG III - Technical assistant for Laboratory and Field
Optical Measurements**

POSITION FOR:

Member of the contract staff FGIII – 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 (JRC) 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 Directorate for Sustainable Resources, Water and Marine Resources Unit.

The mission of Directorate for Sustainable Resources is to provide independent scientific evidence to support the development, implementation, evaluation and coherence of EU policies, mainly in the areas of agriculture and rural development, development cooperation, environment and climate change, blue growth and fisheries, the bioeconomy, industry and trade.

The Water and Marine Resources Unit at the Sustainable Resources Directorate provides scientific and technical support to Commission services. In particular, its mission is:

- To contribute to address societal and economic challenges deriving from the evolving vulnerability of the European and global fresh water and ocean environments;
- To explore innovative solutions to sustainably manage water as a resource, as well as fisheries, aquaculture and other ocean resources;
- To carry out inter-disciplinary science promoting the integration of water in sectorial EU policies taking impacts of climate change into account.

In particular, in line with the Copernicus Regulation, the JRC undertakes dedicated efforts to provide reference datasets for assessing the fitness-for-purpose of Sentinel-2 and Sentinel-3 marine data products. This implies ensuring collection, processing, quality assurance and distribution of in situ reference data through standardized methods and instruments, to fulfil Sentinel-2 and Sentinel-3 validation requirements. The execution of the former activities entails maintaining and likely expanding current JRC field measurement programs through autonomous geographically distributed instruments.

WE PROPOSE:

The job requires to:

- Contribute to carry out absolute radiometric calibrations of field optical instruments following standardized and community shared protocols;
- Contribute to maintain the JRC automated field instruments used to determine marine optical properties (this implies ensuring regular testing and any required instrument upgrade or repairing);
- Occasionally contribute to the installation and de-installation of autonomous field radiometer systems deployed on the offshore structures used by the JRC for the production of in situ reference data;
- Contribute to provide timely technical/engineering support to any collaborating institution supporting the JRC in the execution of offshore autonomous reference measurements;
- Contribute to ensure timely realization of mechanical or electrical components deemed essential for the correct installation and operation of field/laboratory instruments.

- Contribute to monitor the proper functioning of the JRC instruments using the network website outputs.

WE LOOK FOR:

The ideal candidate has a University Degree in technical or scientific disciplines complemented by a multi-annual experience in handling and using field and laboratory optical instruments. Experience in optical radiometry and handling of autonomous instruments is essential.

Good knowledge of Windows environment and Microsoft applications is required.

Knowledge of English (B1) is required.

INDICATIVE CONTRACT'S DURATION:

36 months initial contract with possible renewals up to maximum 6 years.

PLACE OF WORK:

Ispira (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

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 Joint Research Centre

- 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.