

**2021-IPR-D2-FGIV-016909****FG IV - Project Officer – Marine modeller****POSITION FOR:**

Member of the contract staff FGIV – 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 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 (JRC.D.2). 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 of 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.

**WE PROPOSE:**

A position for a marine biogeochemical modeller/biological scientist in the context of Administrative Arrangements with DG ENV on supporting the implementation of the Marine Strategy Framework Directive (MSFD).

He/she will carry out scientific and technical work focused on the further development of the Marine Modelling Framework and data analysis related to policy and climate impacts. He/she shall support the better coordination of different policy areas such as the Water Framework Directive, the Marine Strategy Framework Directive, Blue Growth, Maritime Spatial Planning and the Biodiversity Strategy under consideration of the new Green Deal and the Zero Pollution Ambition.

The envisaged work will consist of:

- Develop marine ecosystem models for the European regional seas (focus on North West European Shelf) in order to assess the status and the trend of these ecosystems.
- Performing scenario simulations of hydrodynamic and ecological processes in coastal and marine ecosystems under consideration of developing GES under MSFD.
- Deliver scientific contributions to the development of indicators of Good Environmental Status of European regional seas
- Contribute to the development of the Marine Modeling Framework
- Collaborate with different related research teams inside and outside the Commission, organising meetings and stakeholder consultations, supporting policy analysis;
- Produce technical reports, scientific publications and policy briefs.

**WE LOOK FOR:**

Candidates should have a committed, well-organized and dynamic personality, open to explore new fields and actively interact with different disciplines.

S/he will have a PhD in marine biology, oceanography or an equivalent field with emphasis on numerical ecosystem modelling related aspects (or a University degree in oceanography/marine biology and 5 years of relevant experience after the university degree).

Excellent knowledge of modeling tools and the computing environment (systems, compilers, data manipulation and presentation tools) as well as a strong background in the use of relevant statistical tools is a necessary asset.

Excellent writing and presentation skills, with good knowledge of spoken and written English (B2) are required. Relevant publications and presentations are seen as essential and should be highlighted. As assets will be considered experience in the management of projects, experience in working with marine environmental datasets, excellent analytical and computer skills, knowledge of relevant EU policies and communication skills.

**INDICATIVE CONTRACT'S DURATION:**

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

**PLACE OF WORK:**

Ispra (IT)

**RULES AND ELIGIBILITY:**

To be eligible for the position, the candidate must be on a valid EPSO reserve list for Function Group IV contract staff.

You can be added to an EPSO reserve list if you complete successfully an EPSO selection procedure.

Candidates who are on a valid EPSO reserve list or have applied to an EPSO selection procedure can apply to this specific position through <http://recruitment.jrc.ec.europa.eu/?type=AX>.

**How to apply to an EPSO selection procedure?**

Apply either to the permanent EPSO call (CAST Permanent) [https://epso.europa.eu/documents/2240\\_en](https://epso.europa.eu/documents/2240_en) or a specialised call for researchers <https://ec.europa.eu/jrc/en/working-with-us/jobs/vacancies/function-group-IV-researchers>

The CAST Permanent reserve list is used by a wide range of organisations (institutions, bodies, offices and agencies of the European Union), whereas the specialised reserve list for researchers (JRC Call COM/1/2015/GFIV – Research) is mainly used by the JRC.

**RECRUITMENT POLICY:**

The JRC

- 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.