

Oceanographer – validation of surface currents

- W/M

Fixed-term position - 12 months
Full time

How to apply :

Send your cover letter and detailed resume with the following reference 2022-08/00/OVCS to recruitment@mercator-ocean.fr

Deadline for applications: 21/09/2022

Date of publication : 31/08/2022

Starting date : Autumn 2022

A propos du poste :

You will join the Analysis and Forecasting Systems Evaluation service, in the Operational Oceanography department of Mercator Ocean and you will contribute to the monitoring of the scientific quality of the global reanalysis, analysis and forecasting systems products.

You will work in a world of technical and scientific expertise, with different professional profiles in a multinational context.

More specifically, you will be in charge of:

- Analysing the products' quality (performance, reliability) in terms of surface currents characteristics, using lagrangian and connectivity diagnostics
- Contributing to the development of a python library dedicated to the regional validation of surface currents, including lagrangian metrics

Les atouts pour réussir :

You have a master's degree, and experience in oceanography.

You are willing to work in a team on ambitious scientific and technical projects. Your rigour, organisation, curiosity, dynamism and responsiveness will contribute to the smooth running of the company.

We are looking for candidates :

- knowing the fundamentals of oceanography and the context of operational oceanography.
- knowing the methods of verification of oceanographic and atmospheric forecasts.
- knowing the current and future oceanographic observation networks (physical or biogeochemical observations).
- Knowing numerical analysis, scientific programming languages (Python, Fortran), optimization for supercomputers, computer environments (LINUX, WINDOWS), configuration management (Gitlab).
- Fluent in written and spoken English

Who are we?

Mercator Ocean International has been developing operational oceanography activities for nearly 25 years, as part of its public interest mission to preserve the ocean.

Many scientific and societal challenges must be met to ensure a sustainable ocean, whether they concern the environment, biodiversity, climate change, the blue economy or education. To meet these challenges, Mercator Ocean designs, develops, operates and maintains state-of-the-art digital systems capable of describing, analysing and forecasting the state of the ocean in 3D, continuously and in real time. The scientific information is then translated to be accessible to all, whether they are public or commercial services, political decision makers, industrialists, associations, NGOs, teachers or citizens. Mercator Ocean International thus combines scientific excellence and social commitment on a daily basis.

As a non-profit company under multinational governance (ES, FR, GB, IT, NO), we work in a climate of trust with our ten shareholder partners, all key players in the development of European oceanography.