



CSIC



## Job Opening

### 2 Positions for Ocean Modeler/Physical Oceanographer

#### WHAT WE ARE LOOKING FOR

The MACMOLab team (IEO/CSIC) offers **two positions** (PhD and BSc/MSc) to work in ocean modelling in the framework of the BELICH project. The activities will focus on modelling coastal processes at different time scales. These will imply implementing and running ocean models and processing and analysing model outputs.

The primary goal of these positions is to work on the Mar Menor lagoon to understand and predict the hydrodynamic variability in the area. The project also requires the interaction with experts from other areas (biology, marine chemistry, hydrologists) to better explain and model the physical-biological interactions in the lagoon at different timescales. Previous experience on ocean or atmosphere numerical modelling and/or on physical oceanography will be appreciated.

Female applicants are given preference in the case of equal qualifications and suitability, as the position belongs to a working group in which women are underrepresented

#### ABOUT US

The Spanish Institute of Oceanography (IEO/CSIC) is a public research organization dedicated to research in marine science, especially in relation to scientific knowledge of the oceans, sustainability of fishing resources and the marine environment.

The goals of the Marine Climate and Modelling Lab (MACMOLab), located in Mallorca (<https://macmolab.wordpress.com/> , [www.ba.ieo.es](http://www.ba.ieo.es)), are to improve our understanding of regional marine climate, and to contribute from the knowledge to the transformation that is required to face different societal challenges. The work in the lab is organized around three topics. (i) Climate Research to fill knowledge gaps and improve our view of regional climate at different time scales (ii) Low Cost and Open Source technology development to fill observational gaps in areas of interest, and (iii) Knowledge Transfer to different levels of the society to make a transformation

## POSITIONS DESCRIPTION:

### 1 – Post-Doc

- PhD in Physical Oceanography, Engineering or other scientific disciplines dealing with numerical modelling e.g Physics, Mathematics, Environmental Science;
- Experience in numerical modeling;
- good knowledge and skills in programming language (i.e Python, Fortran, Matlab, R,...)
- Knowledge of UNIX/Linux operating systems and script languages
- Fluency in English.
- Experience in writing scientific papers
- Effective team-work abilities and interest in a collaborative research framework.

The appointment period will be initially of 18 months and the salary will be a CSIC – FC3 Post-Doc standard (gross 35-40 k€/yr)

### 2- Research engineer

- BSc or MSc in Physical Oceanography, Engineering or other scientific disciplines dealing with numerical modelling e.g Physics, Mathematics, Environmental Science;
- good knowledge and skills in programming language (i.e Python, Fortran, Matlab, R,...)
- Knowledge of UNIX/Linux operating systems and script languages
- Fluency in English.
- Previous experience in numerical modeling will be a preferred but it is not mandatory
- Effective team-work abilities and interest in a collaborative research framework.

The appointment period will be initially of 18 months and the salary will be a CSIC – M2 or M3 standard depending on the qualifications (gross 25-30 k€/yr)

## HOW TO APPLY

Interested applicants should send a CV together with a short cover letter highlighting their experience and skills related to the position to [gabriel.jorda@ieo.csic.es](mailto:gabriel.jorda@ieo.csic.es)