



Job Opening Cod.3243

**Public invitation to express interest for  
one Research Position**

The CMCC is taking into consideration the possibility to hire an experienced and proactive Researcher to carry out research activity on coupled physical-biogeochemical marine modeling.

The location is the CMCC - Ocean modeling and Data Assimilation Division in Bologna, BO, Italy.

The primary purpose for this Research position is the implementation of the marine ecosystems biogeochemistry in the coupled physical-biogeochemical global model developed at CMCC (PELAGOS). The work will focus on marine ecosystem hindcast and the investigation of benthic-pelagic interactions within the global biogeochemical cycles. Moreover, the activity will include a revision of the boundary constraints applied to the marine ecosystem model and its advancement through the integration of different observational datasets and modeling tools.

**The desired qualifications are:**

- Ph.D. in Oceanography, Environmental Sciences, or Environmental Engineering
- Strong background in coastal and open ocean ecosystem modeling;
- Experience with coupled physical-biogeochemical models;
- Knowledge of Unix and Fortran is required, and experience with supercomputers would be welcome;
- Good knowledge of both written and spoken English language;

The appointment is for 12 months starting as soon as possible at an annual salary ranging from 28K to 32K Euros, comprehensive of benefits, depending on qualification and experience.

**How to Apply**

Applicants should register to CMCC JAM (Job Application Manager) website and submit, through this application, a detailed curriculum vitae, and at least two referees.

Informal enquires can be directed to Dr. Simona Masina ([simona.masina@cmcc.it](mailto:simona.masina@cmcc.it)) and Dr. Tomas Lovato ([tomas.lovato@cmcc.it](mailto:tomas.lovato@cmcc.it)) but applications must be submitted through the online system.

**DEADLINE**

15/01/2015