

OCEANOGRAPHY CENTER
POST-DOCTORAL RESEARCHER

Title : Postdoctoral researcher
No. of Position(s): One (1)
Category: February 2017 – April 2017 (contract may be renewed until July 2017)
Location : University of Cyprus, Nicosia

The Oceanography Center invites applications for one (1) Post-Doctoral Researcher position for the externally funded research programme “Circulation and water mass properties in the NorthEastern Levantine (CINEL),” funded by the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS) of Trieste, Italy.

RESEARCH PURPOSE:

The aim of this project is to characterize the ocean currents and water properties in the seas of the Eastern Mediterranean using autonomous platforms (surface drifters, profiling floats, ocean gliders) as well as numerical models and remote sensing. This will be done in two phases: a winter and summer phase. The summer phase of collection has been recently completed.

DUTIES AND RESPONSIBILITIES:

The aim of this post-doctoral research work is the analysis of oceanographic data collected by autonomous underwater gliders and produced by numerical models, as well as the combination of the two types of data that results from data assimilation. The Center has already collected several such hindcast analysis data sets. The researcher will process and analyze the data sets using existing tools and/or their own. The researcher will also support the development of reports, presentations, publications and research proposals as appropriate for this topic.

REQUIRED QUALIFICATIONS AND SKILLS:

- Doctoral degree in fields related to physical oceanography and/or programming from an internationally-recognized university or research institute.
- Knowledge base and capability to develop independent study in geophysical fluid dynamics, data analysis methods, and programming.

ADDITIONAL QUALIFICATIONS AND SKILLS:

- Experience in MATLAB, FORTRAN, Ferret, and/or Python and the UNIX operating system.
- Experience in numerical methods or in management and processing of oceanographic data and metadata using international standards.
- Excellent knowledge of the English language (written and verbal).
- Ability to work and cooperate with local or international research teams

EMPLOYMENT TERMS:

The position is available on a contract basis for the period February 2017 – April 2017 and can be renewed for an additional 3 months. The salary for the part-time position (50 hours per month) is equal to €1000 per month (cost of employer). Employee and employer contributions will be deducted from this amount. The position does not include a 13th salary bonus or medical insurance coverage.

SUBMISSION OF APPLICATIONS:

Interested candidates should submit the following items, in PDF or Word format, via e-mail to Prof. Georgios Georgiou. (email: georgios@ucy.ac.cy) by the 13th of January, 2017:

1. Cover letter that specifies their employment availability date
2. A detailed curriculum vitae in English (with contact address and telephone number)

3. Copies of BSc/MSc/PhD degree(s) and description of previous experience.
4. The names and contact details of two persons from whom references may be requested.

For more details and clarifications, please contact Dr Daniel Hayes (dhayes@ucy.ac.cy) or Prof. Georgios Georgiou (georgios@ucy.ac.cy, tel.:22-892612).