



Position: Post Doctoral Researcher at the Environment and Climate Department
Ref No.: ERA-PD-ECD-55
Category: Full-time or part-time
Location: ERATOSTHENES Centre of Excellence, Limassol Cyprus

ONE (1) POST DOCTORAL RESEARCH FELLOW POSITION AT THE ENVIRONMENT AND CLIMATE DEPARTMENT

ERATOSTHENES Centre of Excellence (www.eratosthenes.org.cy) of Cyprus University of Technology (www.cut.ac.cy) invites applications for one (1) Post Doctoral Researcher position at the Environment and Department of ERATOSTHENES Centre of Excellence. The position is open either on a full-time (100%) or part-time employment basis. The successful candidate will conduct research under multiple Eratosthenes Centre of Excellence projects funded by the European Union, including the flagship Excelsior H2020 Teaming project (<https://excelsior2020.eu/>).

ERATOSTHENES Centre of Excellence is an autonomous Centre of Excellence with Cyprus University of Technology as its sole stakeholder, specialising in Earth Observation, space technology and geospatial analysis. Cyprus University of Technology has a 13-year experience in earth observations and geospatial analysis. Through the "EXCELSIOR" H2020 Teaming Project (<https://excelsior2020.eu/>), ERATOSTHENES Centre of Excellence aspires to become a Digital Innovation Hub for Earth Observation and Geospatial Information by offering knowledge, responsible research, open innovation and application services capable of sustaining Cyprus' development. ERATOSTHENES Centre of Excellence aspires to actively contribute to the European Research Area (ERA) priorities in Atmosphere and Climate, Resilient Societies and Big Earth Data Analytics, as well as to become the reference Earth Observation/Geoinformation Centre for research and innovation in the Eastern Mediterranean, Middle East and North Africa (EMMENA) region.

A core activity of ERATOSTHENES Centre of Excellence is to conduct high caliber, state-of-the-art research, both basic and applied. A central task is to acquire research funding for the Centre, to provide facilities to the researchers, and to support them to acquire funding for their research independently and via international and local collaborations. Collaborations with industrial partners are particularly encouraged and facilitated.

Appropriate measures of success will be collaboratively determined based on the Centre's strategic growth plan and sustainability targets. These will be revised periodically by the Executive Committee and the Board of Directors.

Description of the Position

This position concerns researchers who hold a doctoral degree from a recognized University.

Duties and Responsibilities

The successful candidate will be placed in the Department of Environment and Climate of ERATOSTHENES Centre of Excellence, and is expected to contribute towards shaping and advancing its research and innovation agenda. The successful candidate's duties will include:

1. Conduct applied or fundamental research;
2. Participate in the preparation and submission of project deliverables;
3. Disseminate and communicate project results through journal/conference publications, participation in conferences, information days and other relevant events;
4. Assist in the definition of research goals and writing research proposals with the assistance of the Coordinator of the relevant Department;
5. Managing operation and maintenance of GBS Raman lidars, Doppler lidars and AERONET photometer;
6. Participate in the instrument calibration procedures and trainings;
7. Ensure quality control and publication of measured data;
8. Participate in ACTRIS community / meetings;
9. Deep interest in further developing the lidar measurement technique;
10. Lidar data processing and evaluation;
11. Present CARO-related lidar studies at international conferences;
12. Organize maintenance intervals and acquisition of spare parts;
13. Ensure ACTRIS quality standards for lidar measurements;
14. Supervise students and undertake any other relevant duties deemed necessary.

Qualifications

1. PhD in a discipline of Natural Sciences;
2. At least 2 years of professional experience after the award of the PhD;
3. Background in atmospheric research with active remote-sensing methods;
4. Proven effective writing of project proposals and management of National, European Commission or European Space Agency funded projects;
5. Comprehensive project planning; identifying and managing risks in project implementation;
6. Excellent knowledge of English both verbal and in writing;

The appointment will be for a period of one year (12 months) with the prospect of renewal for another one year. All appointments are subject to completion of a probation period of six (6) months.

The annual gross salary for the (full-time) position will range from €36732.10 to €41408.54, depending on qualifications. It is noted that there is provision for 13th salary (the cost of the 13th salary is proportionally incorporated in the monthly remuneration).

Interested candidates must submit their application comprising of all documents listed below via email to vacancies@eratosthenes.org.cy, entering in the subject line: “Application for Post Doctoral Research Fellow - ERA-PD-ECD-55” no later than **25 October 2023 at 14.00 CYPRUS TIME, which is the deadline for the submission of the applications.**

1. A letter in English stating the applicant’s interests and abilities in relation to the job announcement, as well as the date on which he/she can undertake responsibilities in case of appointment;
2. *Curriculum vitae* in English;
3. List of publications in English;
4. Copies of the candidate’s degree certificates;
5. Contact details;
6. Names and contact details of at least three referees, preferably from the academic/research community, who in case of appointment, may be asked to send their reference letters directly to ERATOSTHENES Centre of Excellence. Additional reference letters from independent referees may be requested by the competent bodies, if considered necessary.

For further information visit ERATOSTHENES Centre of Excellence webpage at <http://www.eratosthenes.org.cy>

It is noted that:

- For non-EU applicants a work permit will be required;
- Applications will be treated in strict confidence. All information provided will comply with the General Data Protection Regulation (GDPR) of the European Union;
- The job requires that the Researcher is physically present at the Centre’s premises and preferably becomes a resident in the area of employment;
- ERATOSTHENES Centre of Excellence is an equal opportunity employer;
- ERATOSTHENES Centre of Excellence does not discriminate in any way on the basis of gender, religion or belief, ethnic, national or social origin, age, physical ability, marital status and sexual orientation;
- The title of the position may be modified.



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