**Position:** Assistant Researcher A' or B' at the Big Earth Data Analytics Department
**Ref No.:** ERA-ARAB-BEDAD-57
**Category:** Full-time or part-time employment
**Location:** ERATOSTHENES Centre of Excellence, Limassol Cyprus

## ERATOSTHENES CENTRE OF EXCELLENCE

## FOUR (4) ASSISTANT RESEARCHER A' OR B' POSITIONS AT THE BIG EARTH DATA ANALYTICS DEPARTMENT

ERATOSTHENES Centre of Excellence (**www.eratosthenes.org.cy**) of Cyprus University of Technology (**www.cut.ac.cy**) invites applications for up to four (4) positions at the Assistant Researcher A' or B' level at the Big Earth Data Analytics Department of ERATOSTHENES Centre of Excellence. The positions are open either on a full-time (100%) or part-time employment basis. The successful candidates will conduct research and develop products 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**

The positions concern University graduates (holding at least B.Sc.; M.Sc. will be considered an advantage) with studies and background knowledge in Geoinformation, Geographic Information Systems, Computer Science, Computer Engineering or related disciplines.

**Duties and Responsibilities**

The successful candidates will be placed in the Big Earth Data Analytics Department of ERATOSTHENES Centre of Excellence, and are expected to contribute towards shaping and advancing its research and innovation agenda by:

1. Working closely with other departments of ERATOSTHENES Centre of Excellence and/or stakeholders from the industry in developing GIS-based applications and other tools;
2. Participation and/or organisation of various project activities (training events, Conferences, Workshops, Information Days etc);
3. Participation in the preparation and submission of projects' deliverables;
4. Assisting in the definition of applications' targets and goals and in writing research proposals;
5. Working towards fulfilling ERATOSTHENES Centre of Excellence mission goals;
6. Ensuring that the KPIs and other performance targets as set by the ERATOSTHENES Centre of Excellence are met;
7. Undertaking any other relevant duties deemed necessary.

**Qualifications**

1. B.Sc. and/or M.Sc. in Geographic Information Systems, Surveying Engineering, Computer Science, Computer Engineering or related disciplines.
2. Thorough knowledge of GIS software packages or relevant software packages (e.g., ArcGIS, ArcMap, QGIS etc.);
3. Python and/or R programming or any other programming language will be an advantage;
4. Previous work experience in remote sensing would be an advantage;

5. Team-oriented attitude;

6. Very good knowledge of English is required, both written and oral.

## Minimum Requirements for the post of Assistant Researcher A'

This position concerns researchers at the level of **Assistant Researcher A'** who hold a Master's degree.

## Minimum Requirements for the post of Assistant Researcher B'

This position concerns researchers at the level of **Assistant Researcher B'** who hold a University degree.

The appointment will be for a period of one year (12 months) with the prospect of renewal for another one year. The annual gross salary for the (full-time) position will range from €20323.80 to €29592.08, depending on qualifications. It is noted that there is provision for 13$^{th}$ salary (the cost of the 13$^{th}$ 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 Assistant Researcher A' or B' at the Big Earth Data Analytics Department (ERA-ARAB-BEDAD-57)*" no later than Monday 4 December 2023 at 14.00 CYPRUS TIME, which is the deadline for the submission of the applications.**

1. A letter in English stating the Department, the rank, the specialization in which the candidate is interested in, as well as the date on which the candidate can undertake responsibilities in case of appointment;

2. *Curriculum vitae* in English;

3. List of any publications in English;

4. Copies of the candidate's degree certificate(s);

5. Candidate's full contact details;

6. Names and contact details of at least three referees, preferably from the academic/research community, who in case of appointment, maybe asked to send their reference letters directly to ERATOSTHENES Centre of Excellence via email to **vacancies@eratosthenes.org.cy**. ERATOSTHENES Centre of Excellence may also request reference letters from independent referees of the choice of members of the appointed Evaluation Committee, 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;

- 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.