

Job Title: Atmosphere Scientist

Req ID 1401 - Posted 25/07/2017



EUROPEAN SPACE AGENCY

Vacancy in the Directorate of Earth Observation Programmes.

ESA is an equal opportunity employer, committed to achieving diversity within the workforce and creating an inclusive working environment. Applications from women are encouraged.

Post

Atmosphere Scientist

This post is classified A2-A4 on the Coordinated Organisations' salary scale.

Location

ESRIN, Frascati, Italy

Description

Atmosphere Scientist in the Data Applications Division , Science, Applications and Climate Department, Directorate of Earth Observation Programmes.

Duties

- Providing scientific expertise and developing applications for atmospheric missions in exploitation;
- fostering the use of free and open EO atmospheric data for research and applications;
- enhancing scientific exploitation and data applications of EO atmospheric missions using latest information technologies and platforms;
- engaging the atmospheric science community by organising dedicated scientific workshops and maintaining dialogue with users;
- managing ESA studies for advancing Earth System Science in the atmospheric domain;
- managing innovative R&D activities in atmospheric science, EO open science, based on scientific and user community recommendations;
- supporting the ESA Global Monitoring of Essential Climate Variable (GMECV) programme for atmospheric applications;
- managing the development of next-generation open source toolboxes for scientific exploitation of atmospheric missions;
- organising training courses for next-generation early career scientists and preparing massive open online courses in the atmospheric domain;
- contributing to initiatives and cooperation with international partners in the EO atmospheric domain;
- communicating on ESA studies results and EO mission achievements, promoting EO science benefits to society;
- contributing to the Agency's public communication on EO and supporting public outreach;
- maintaining personal scientific credibility;
- supporting the work of Young Graduate Trainees and Research Fellows.

Technical competencies

Knowledge of atmospheric science

Experience in the management and monitoring of research and development activities

Experience in atmospheric physics

Experience in remote sensing retrieval techniques

ESA Earth Observation policies and programmes

Behavioural competencies

Ambassadorship
Communication
Problem solving
Relationship management
Teamwork

Additional requirements

Applicants should have specialist knowledge of the relevant types of data used on the Copernicus, future operational meteorology and Earth Explorer missions, and demonstrable experience from relevant scientific exploitation activities either internationally or in ESA Member States.

They should provide a list of relevant scientific publications.

Education

Applicants should have a PhD or equivalent degree in a relevant scientific discipline, preferably atmospheric chemistry, physics, geophysics or other appropriate scientific fields.

They should have at least two years' experience in atmospheric remote-sensing techniques and research.

Other information

For behavioural competencies expected from ESA staff in general, please refer to the ESA Competency Framework.

The working languages of the Agency are English and French. A good knowledge of one of these is required. Knowledge of another Member State language would be an asset.

The Agency may require applicants to undergo selection tests.

The closing date for applications is 21 August 2017.

If you require support with your application due to a disability, please email contact.human.resources@esa.int.

Please note that applications are only considered from nationals of one of the following States: Austria, Belgium, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Spain, Sweden, Switzerland, the United Kingdom and Canada and Slovenia.

Priority will first be given to internal candidates and secondly to external candidates from under-represented Member States.

In accordance with the European Space Agency's security procedures and as part of the selection process, successful candidates will be required to undergo basic screening before appointment.