

## 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** Atmospheric Scientist in the Atmospheric Section, Mission Science Division, Science, Applications & Future Technologies Department, [Directorate of Earth Observation Programmes](#).

This post is classified in the A2–A4 grade band on the Coordinated Organisations' salary scale.

**LOCATION** ESTEC, Noordwijk (Netherlands).

**DUTIES** The postholder reports to the Head of the Atmospheric Section of the Mission Science Division.

In discharging these responsibilities, specific tasks shall include:

- supporting scientific evaluation of proposals and selection of future missions for implementation;
- contributing to the preparation and elaboration of candidate Earth Explorer, Copernicus and operational meteorology missions, payload definition and associated requirements (e.g. mission requirements document, catalogue of future mission data products);
- acting as custodian for mission requirements related to Earth observation satellite missions and as Mission Scientist during the assessment and implementation phases of related missions;
- supporting approved satellite mission projects throughout their development, calibration, validation and commissioning phases, to ensure that their payload and the end-to-end system fulfil the relevant mission requirements;
- establishing, maintaining and running international advisory groups related to these missions;
- conducting and supervising in-house and external scientific studies;
- supporting geophysical algorithm development and related research;
- participating in the preparation of calibration/validation, research Announcements of Opportunity and evaluation of corresponding proposals;
- advising the Division's Campaigns Section on scientific requirements for definition and implementation of aircraft and ground-based campaigns/experiments in association with geophysical algorithm development, product simulation or mission-performance assessment.

In this capacity the postholder will provide support to, and advise on the detailed scientific goals of, the various international scientific and operational user communities concerned with Earth System science.

**QUALIFICATIONS** Applicants for this post should have a PhD preferably in atmospheric chemistry, or physics, geophysics or another appropriate scientific field, plus at least ten years' experience of atmospheric remote-sensing techniques and research, notably in connection with atmospheric composition.

Candidates should have specialist knowledge of the relevant types of instrumentation used on the Copernicus, future operational meteorology and Earth Explorer missions, and demonstrable experience from relevant scientific activities either internationally or in ESA Member States. Several years of experience demonstrating an independent working attitude would be an asset. Particular importance will be attached to personal scientific ability, peer credibility, flexibility and adaptability. The candidate will be expected to work as a member of a team.

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.

**CLOSING DATE** The closing date for applications is **15 November 2016**.

Applications from external candidates should preferably be made [online](#) from the ESA website ([www.esa.int/careers](http://www.esa.int/careers)). Those unable to apply online should submit their CV to Human Resources, ESTEC, Keplerlaan 1, 2201 AZ Noordwijk ZH, The Netherlands.

ESA staff members wishing to apply should fill in the [Internal Application Form](#) and email it to [Apply2ESTEC](#).

The Agency may require applicants to undergo selection tests.

If you require support with your application due to a disability, please email [contact.human.resources@esa.int](mailto:contact.human.resources@esa.int).

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**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.**

**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.**