Analyst to work on production of climate reanalyses

Location
This role will be based in the Reading area, in Berkshire, United Kingdom.

Summary of the role
This position will be part of a multidisciplinary team working on the content of the Climate Data Store (CDS) for the Copernicus Climate Change Service. The Analyst will be responsible for the production of climate reanalyses using tools and procedures consistent with ECMWF’s operational environment.

About ECMWF
The European Centre for Medium-Range Weather Forecasts (ECMWF) is an independent intergovernmental organisation supported by 34 states.* It carries out scientific and technical research, collects and processes large amounts of observations, and manages a long-term archive of meteorological data on a 24/7 operational basis. For details, see www.ecmwf.int/.

ECMWF has been entrusted to operate the Copernicus Atmosphere Monitoring Service (CAMS) and the Copernicus Climate Change Service (C3S) on behalf of the European Commission until the end of 2020. Copernicus is the European Union (EU) flagship Earth-observation programme. The programme ensures operational monitoring of the atmosphere, oceans, and continental surfaces, and will provide reliable, validated information services for a range of environmental and security applications.

Overview of the role
The Analyst will work on the technical aspects of the production of climate reanalyses in an operational environment. The work will involve developing and implementing an efficient suite of codes and scripts that can reliably run reanalysis systems on ECMWF’s high-performance computing and data handling systems.

Key responsibilities:
- To develop and maintain reanalysis production suites on ECMWF’s high-performance computing and data handling systems
- To monitor the progress and performance of the suite and solve problems as they arise, using operational tools, procedures and internal expertise
To support the team in other tasks related to the development of the CDS infrastructure, including data acquisition and archiving, and the operation of the Observation Feedback Archive facility.

**Qualifications and experience required**

**Education**

University degree or equivalent in a relevant subject

**Experience**

- At least five years of experience dealing with complex computational systems in an operational environment
- Candidates must be able to work effectively in English and interviews will be conducted in English

**Technical skills and knowledge**

- Programming with scripting languages, such as Shell and Python on UNIX systems
- Familiarity with environmental data format standards for international exchange would be an advantage
- A good knowledge of one of the Centre’s other working languages (French or German) would be desirable

**Personal attributes**

- Dedication and enthusiasm to work as part of a team
- Adaptable and flexible in approach
- Good communication skills

**Additional information**

**Grade and remuneration**

A2, according to the scales of the Co-ordinated Organisations.

The successful candidate will be recruited at the A2 grade and the annual basic salary will be £54,776 net of tax. This position is assigned to the employment category STF-PL as defined in the Staff Regulations.

Full details of salary scales and allowances are available on the ECMWF website at [www.ecmwf.int/en/about/jobs](http://www.ecmwf.int/en/about/jobs), including the Centre’s Staff Regulations regarding the terms and conditions of employment.

**Starting date**

As soon as possible.

**Length of contract**

Four years.
How to apply

Please apply by completing the online application form available at [www.ecmwf.int/en/about/jobs](http://www.ecmwf.int/en/about/jobs).

ECMWF has an Equal Opportunities Policy and applications from all suitably qualified candidates are welcome.

Staff are usually recruited from among nationals of the Member States and Co-operating States. However, applications from highly qualified candidates who come from other countries will be considered.

**Closing date**

The closing date for this position is **18 January 2015**.

*Interviews for this position are expected to take place in Reading between 4 and 13 February 2015.*

*The ECMWF Member States are Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.*
| The ECMWF Co-operating States are Bulgaria, Croatia, Czech Republic, Estonia, former Yugoslav Republic of Macedonia, Hungary, Israel, Latvia, Lithuania, Montenegro, Morocco, Romania, Serbia and Slovakia. |