



Join our team

SCIENCE & INFRASTRUCTURE FACILITATION OFFICER

We are seeking an experienced facilitator and project manager to support the delivery and uptake of climate data. In this role, you will proactively tackle challenges and propose innovative solutions to advance climate modelling science, helping the world to better understand, and act on climate change.

Do you have experience of facilitating and project managing large scale science and research infrastructure, enjoy working in diverse and globally distributed teams, and are familiar with Python, C, and/or Fortran? Are looking for a new challenge? If so, we would love to hear from you.

The role

You will be a member of a small, dedicated cross-functional, agile team, working directly with leading climate modelling and data scientists of the World Climate Research Programme's (WCRP) Coupled Model Intercomparison Project (CMIP). You will be supporting CMIP task teams and facilitating the development of the CMIP data infrastructure and the Earth System Grid Federation (ESGF).

CMIP provides climate projections to understand past, present and future climate changes. A key part of the role will be helping to facilitate the delivery of CMIP data to the global community focused on the Intergovernmental Panel on Climate Change (IPCC) Seventh Assessment Report (AR7). CMIP is a global enterprise with an increasingly wide range of users delivered by contributors across the world. Therefore, high-level project and programme management skills are necessary to ensure its impact and maximise benefit across a range of communities.

The CMIP International Project Office is hosted by the European Space Agency. The team is contracted and managed by HE Space. HE Space is offering a competitive salary for this two-year fixed term position, with potential for extension should funding be secured. Applications will only remain open until the post is filled.

September 2024



CMIP IPO Science & Infrastructure Facilitation Officer

1.1 Context

The primary objective of the World Climate Research Programme (WCRP) Coupled Model Intercomparison Project (CMIP) is to better understand past, present, and future climate changes arising from natural, unforced variability or in response to changes in forcing in a multi-model context. CMIP provides the focal point for leading national and international entities in climate modelling and is the main resource for the Intergovernmental Panel on Climate Change (IPCC) assessment of climate projections. CMIP activities are overseen and coordinated by two subcommittees of WCRP Working Group on Coupled Modelling (WGCM): the CMIP Panel and the WGCM Infrastructure Panel (WIP).

As the CMIP initiative has evolved, each phase has included more experiments with ever more complex models and exponential growth in data volumes. This has all occurred while remaining a voluntary effort carried out and coordinated by the climate modelling community itself and those within the WCRP secretariat. To respond to this increased demand and the size and complexity of CMIP, the CMIP International Project Office (CMIP IPO) was established in March 2022, hosted by the European Space Agency at their UK site in Harwell, Oxfordshire.

An important goal of CMIP is to make the multi-model output, and additional supporting observational products, publicly available in a standardized format to allow a large and growing stakeholder community to utilise the broad CMIP database and facilitate downstream use. To support this goal the CMIP IPO is looking to recruit an experienced Science & Infrastructure Facilitation Officer. You will report to the CMIP IPO Director, under the governance of the CMIP Panel and WIP.

1.2 Key Tasks and Responsibilities

As Science & Infrastructure Facilitation Officer you will have the following responsibilities:

- Supporting coordination, planning, development and implementation of the CMIP data archiving and dissemination
- Providing facilitation support and management of relevant CMIP and WIP task teams and joint activities with the Earth System Grid Federation (ESGF).
- Providing communication support to CMIP data infrastructure activities and engaging with relevant communities.
- Promoting equity and inclusivity in CMIP data access.
- Organising and facilitating infrastructure relevant meetings, workshops, conferences, training sessions and other activities relevant to CMIP.

- Reaching out to relevant wider communities such as PANGEO, Copernicus, and other emerging communities.

1.3 Skills & Experience

You will have the following qualifications and relevant experience:

- Master's degree in physical or climate sciences or any other appropriate scientific field.
- At least three years of relevant work experience.
- Expertise in scientific or data infrastructure project and programme management and facilitation.
- Experience of coding languages including Python, C or Fortran.
- Expertise in working in an international environment with globally distributed teams.
- Excellent organisational, interpersonal, communication and mediation skills.
- Proficiency in English.

The following would also be desirable:

- PhD in climate science, particularly climate modelling.
- Qualification in project or programme management.
- Experience working with climate models and climate data, including familiarity with CMIP.
- Experience in science communication and outreach.

1.4 Location

The CMIP IPO office is hosted by the European Space Agency's Climate Office. It is located at the ESA European Centre for Satellite Applications Technologies (ECSAT) in Harwell with flexible home working options within the UK available. Applications will remain open until the position is filled.

1.5 Employment structure

CMIP IPO is hosted by the European Space Agency. The team is contracted and managed for ESA by HE Space. HE Space is offering a competitive salary for this two-year fixed term position, with potential for extension should funding be secured.

HE Space is a successful international space company. For 40 years, HE Space has been supporting their customers with qualified experts in the field of engineering, science and administration.

Our benefits in the UK: We offer competitive compensation, and our benefits packages are customised per location to better match local needs. Here in the spotlight are three example benefits of them for our employees located in the UK:

- Relocation support: Financial Support for your relocation expenses to Harwell and one month's paid accommodation if needed.
- Pension Scheme: All our employees in the UK fall under a pension scheme. HE Space contributes to this pension scheme.
- Training & Professional Development: Your individual training needs are important to us, and we support your attendance at conferences, e-learning, conventional group and individual classes.

1.6 Application

To apply, please send your CV together with a letter of motivation (in English and in Word) to Leandros Foteinias (HE Space Recruitment Manager) lfoteinias@hespace.com by clicking the "Apply now" button on the webpage: https://jobs.smartrecruiters.com/oneclick-ui/company/CSGROUP/publication/35341c81-6784-4949-bf9e-7941e6f05460?dcr_ci=CSGROUP

Applications will only remain open until the position is filled so please do submit your application as soon as possible. An exciting and dynamic international working environment awaits you!

HE Space work is dedicated to building a culturally diverse working environment. We encourage applications from minority groups and people with disabilities.