



UNIVERSITY OF LEEDS

CANDIDATE BRIEF

Lecturer or Associate Professor in atmospheric science, Earth and Environment/Mathematics/Computing/Civil Engineering



Salary: Grade 8 (£46,974 – £56,021 pro rata p.a. - depending on experience) or Grade 9 (£57,696 – £66,857 pro rata, p.a. depending on experience)

0.2 FTE

Reporting to: Head of Institute/School

Reference: ENVEE1759

Location: Remote, with some in-person activity

We are open to discussing flexible working arrangements

Overview of the Role

Are you an experienced and ambitious researcher with an understanding of research in an operational weather and/or climate setting? Are you looking to grow your own research and wider build collaborations between the University of Leeds, the Met Office and the Met Office's other University partners? Do you have ambitions to obtain external research funding? Do you want to supervise student research to foster and encourage the next generation?

The University of Leeds is a founding member of the Met Office Academic Partnership (MOAP) and home to sizeable joint Leeds/Met Office research group. To build on this long-standing collaborative strength, it is seeking to appoint 5 enthusiastic and self-motivated scientists to lead collaboration between the Met Office and University. As the climate crisis deepens, and technologies rapidly advance, working across disciplines becomes ever more important for meteorological science, and these posts will not only grow links between the School of Earth and Environment with the Met Office, but also build new links with the School of Mathematics, School of Computing and School of Civil Engineering.

Your role will also be to strengthen and enhance SEE's excellent, internationally recognised profile in atmospheric and climate science research with a special focus on building collaborations with the Met Office and MOAP. You will lead research, obtaining external research funding, and build collaborations between the University and the Met Office, to deliver on research, innovation and impact. You will have deliver student teaching in ways consistent with a remote 0.2 FTE role, primarily through supervision of student research projects. We are open to researchers in any aspect of weather and climate science, but are particularly interested in applications from individuals working in: (i) machine learning, data science and advanced statistics, (ii) climate science linking to climate impacts, (iii) observational atmospheric/climate science.

You will have a PhD (or equivalent research experience) in weather/climate science, data science, computing, or allied subjects and a proven record of research in atmospheric or climate science is essential. You will have a track record of collaboration and a willingness to engage with a wide set of researchers across the University to build new collaborations between Leeds and the Met Office. This, depending on research focus, may include researchers in the named Schools, the Priestley Centre for Climate Futures, Leeds Institute for Fluid Dynamics, water@leeds, Global Food and Environment Institute (GFEI), Leeds Institute for Data Analytics (LIDA), the National Centre of Atmospheric Science (NCAS) and the Centre for Environmental Modelling and Computation (CEMAC).



Main duties and responsibilities

- Being actively involved in research, innovation and impact at a national and international level, in particular research linking the Met Office and University of Leeds, as well as contributing to local School/Faculty activity;
- Maintaining a record of high quality publications of national and international standing;
- Attracting research funding individually and collaboratively to underpin high quality research activity and research programmes/projects;
- Leading and coordinating joint research in your area of focus, and supporting other MOAP activities;
- Providing a link between staff at the Met Office and staff/students at the University of Leeds, building and facilitating collaboration for research, innovation and impact;
- Promoting the integration of your own research area with other research interests within and, as appropriate, outside the School and Faculty;
- Providing research supervision and helping to attract students to the University;
- Undertaking research-led teaching at different levels, possibly including assessment and examinations and contributing towards module design, review and quality assurance mechanisms;
- Providing support, guidance and timely feedback to students, showcasing the strong links between the Met Office and the University of Leeds, and the associated outputs, outcomes and impact;
- Contributing effectively to the administrative processes and committee structures of MOAP at the University of Leeds taking on leadership roles and managing initiatives which facilitate School, Faculty or University performance or business.

For Grade 9

- Pursuing, leading and developing the strategic direction of research, innovation and impact at an appropriately benchmarked level with high quality research activity and programmes/projects;
- Being recognised as an authority in your field, developing and maintaining an external profile as appropriate to the discipline;



- Maintaining a high quality record of regular and original research publications that are of national and international standing;
- Providing high quality postgraduate supervision and attracting research students to the University, and to supervise other students as appropriate;
- Managing or leading major initiatives or areas of work (as either sustained or one-off projects) as well as taking on MOAP leadership roles which facilitate School, Faculty or University performance or business as required.

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the grade of the post.

Qualifications and skills

Essential

- A PhD in atmospheric science, or in a related discipline such as maths or computing (candidates without a PhD may be considered if they have sufficient equivalent research experience);
- A track record of research outputs, within the relevant research area, in refereed publications of internationally excellent quality;
- Experience of delivering research leadership in an operational meteorological centre and expert knowledge of Met Office R&I strategy, systems and personnel and a demonstrable potential for leading collaborations between the Met Office and the University of Leeds;
- Strong potential for obtaining external research funding;
- An ability to contribute to and develop interdisciplinary collaborative research projects in a broad range of areas, providing leadership for new MOAP-Leeds collaboration in areas relevant to your specialism;
- An ability to teach in a University environment, with an enthusiastic approach to teaching and the ability to interact with students in ways that will enhance the student experience;
- A high level of interpersonal and communication skills, and a strong ability to communicate effectively in writing and verbally with students, academic, Met Office and external audiences;
- An ability to contribute to management and administrative processes and structures, especially of MOAP, including managing resources and/or staff.



- An ability to build partnerships between the Met Office and the University of Leeds, and potentially other industrial, professional and public sector organisations on interdisciplinary collaboration, knowledge exchange and funding, for research, innovation and impact.

Desirable

- Experience of providing postgraduate student supervision;
- Experience of gaining external funding for research.

For grade 9

- An international reputation in research;
- A sustained track record of research outputs as a single or main author of refereed publications of internationally excellent quality;
- Outstanding communication, team working and networking including experience of collaboration on cross-disciplinary projects;
- A proven ability to provide leadership, including managing resources and/or staff;
- Evidence of the ability to build trust to ensure engagement and commitment, and to treat staff fairly, with respect and dignity.

Desirable

- Experience of PhD supervision to successful doctoral graduates;
- Experience of gaining external funding for research.

How to apply

You can apply for this role online; more guidance can be found on our [How to Apply](#) information page. Applications should be submitted by **23.59** (UK time) on the advertised closing date. Please state which School you would like to apply for.



Additional information

Please note: If you are not a British or Irish citizen, from 1 January 2021 you will require permission to work in the UK. This will normally be in the form of a visa but, if you are an EEA/Swiss citizen and resident in the UK before 31 December 2020, this may be your passport or status under the EU Settlement Scheme.

Please note that due to Home Office visa requirements, this role is not suitable for first-time Skilled Worker visa applicants.

Information on other visa options is available at: <https://www.gov.uk/browse/visas-immigration/work-visas>

Find out more about the [Faculty of Environment](#).

Find out more about [Athena Swan](#) in the Faculty.

Find out more about our [Research and Associated Facilities](#)

Find out more about our [School of Earth and Environment](#)

Find out more about [Equality in the Faculty](#)

Working at Leeds

We are a campus based community and regular interaction with campus is an expectation of all roles in line with academic and service needs and the requirements of the role. We are also open to discussing flexible working arrangements. To find out more about the benefits of working at the University and what it is like to live and work in the Leeds area visit our [Working at Leeds](#) information page.

Our University

As an international research-intensive university, we welcome students and staff from all walks of life. We foster an inclusive environment where all can flourish and prosper, and we are proud of our strong commitment to student education. Within the Faculty of Environment we are dedicated to diversifying our community and we welcome the unique contributions that individuals can bring, and particularly



encourage applications from, but not limited to Black, Asian, people who belong to a minority ethnic community; people who identify as LGBT+; and disabled people. Candidates will always be selected based on merit and ability. »

The Faculty of Environment has received a prestigious Athena SWAN silver award from [Advance HE](#), the national body that promotes equality in the higher education sector. This award represents the combined efforts of all schools in the Faculty and shows the positive actions we have taken to ensure that our policies, processes and ethos all promote an equal and inclusive environment for work and study.

Information for disabled candidates

Information for disabled candidates, impairments or health conditions, including requesting alternative formats, can be found on our [Accessibility](#) information page or by getting in touch with us at hr@leeds.ac.uk

Criminal Record Information

A criminal record check is not required for this position, however, all applicants will be required to declare if they have any 'unspent' criminal offences, including those pending.

Any offer of appointment will be, in accordance with our Criminal Records policy. You can find out more about required checks and declarations in our [Criminal Records](#) information.

