

## Senior Scientist - Vegetation-Climate Interactions

|               |                            |
|---------------|----------------------------|
| Location      | Exeter HQ                  |
| Contract type | Permanent                  |
| Salary range  | 37418 - 41159 GBP per year |
| Opening date  | 06-10-2022                 |
| Closing date  | 30-10-2022                 |



### Our reward package

We're looking for an exceptional Senior Scientist - Vegetation-Climate Interactions to help us make a difference to our planet.

Our Senior Scientist - Vegetation-Climate Interactions will work a hybrid pattern of homeworking and inExeter HQ .

Why join us?

We provide critical weather services and world-leading climate science to deliver extraordinary impact and benefit across the globe. Our work helps people make better decisions to stay safe and thrive.

As our Senior Scientist - Vegetation-Climate Interactions , your starting salary will be £37418.00 and you will have opportunities to progress to £41159.00 over time. New joiners to the Met Office will start on the salary band minima.

Your total reward package is potentially worth up to £51,847 annually, which includes basic salary, potential corporate bonus and employer pension contributions.

This is a permanent position.

Your package includes:

- Outstanding Civil Service Pension
- Flexible hours and homeworking
- Annual Leave starting at 27.5 days (plus Bank Holidays) rising to 32.5 days (plus Bank Holidays) after 5 years and option to buy or sell up to 5 days per year of annual leave
- Cycle to work scheme for the purchase of a bicycle and equipment for healthy, low carbon travel
- Access to discounted shopping on a range of retail, leisure and lifestyle categories

### Who we are

We provide critical weather services and world-leading climate science, to help people make better decisions to stay safe and thrive. We are looking for a highly motivated scientist to work on understanding vegetation-climate interactions, processes and implications for ecosystem services. The work will utilise a range of earth system data from individual sites to global Earth observations and models. As well as leading the development of code and performing appropriate analyses, this role will require extensive collaboration with international and multi-disciplinary scientists, and dissemination of results to other scientists and end users. The candidate will take a leading role in the Met Office's contribution to the newly funded Horizon Europe project OptFor-EU ('OPTimising FORest management decisions for a low-carbon, climate resilient future in Europe').

Together:

- **We're a force for good** - focusing on our environmental and social impact

- **We're experts by nature** - always learning and developing to do things better
- **We live and breathe it** - putting our purpose at the heart of decision-making
- **We're better together** - understanding partnerships and inclusivity make us greater
- **We keep evolving** - pushing boundaries to make tomorrow better for our customers

Find out more about our values - <https://bit.ly/3fokaRD>

## Job Purpose

As our Senior Scientist - Vegetation-Climate Interactions , the key duties are:

- Drive forward the work for science projects on vegetation-climate interactions.
- Collate and analyse Earth system data from diverse sources, e.g. site observations, satellite products..., to improve understanding and guidance on vegetation-climate interactions.
- Develop and maintain software code for data analyses and visualisations.
- Develop/maintain strong collaborations with team members and other national and international experts.
- Communicate project science to a range of audiences, including scientific meetings or conferences and peer-reviewed publications.

## Essential Qualifications, Skills & Abilities

1. A PhD and research experience in a relevant physical, biological or computational science.
2. Research experience in Earth system observations and/or modelling, with evidence of working independently to provide high class research outputs under limited supervision, supporting the Met Office's core value 'Experts by Nature'.
3. Excellent scientific computing and programming skills in R, python (or other similar coding language).
4. Ability to produce clear written scientific communications, including leading scientific papers or customer reports.
5. Demonstrated ability to work collaboratively with colleagues to deliver joint goals, supporting the Met Office's core value 'We're Better Together'.

## Desirable Qualifications, Skills & Abilities

We encourage you to apply if you believe you meet our essential criteria, but your application will be even stronger if you have:

1. Experience analysing vegetation or other ecological data, e.g. site observations, ecological models, satellite products.
2. Evidence of relevant scientific writing, e.g. published papers on vegetation-climate interactions.
3. Evidence of relevant international collaborations.

## How to apply

If you share our values, we'd love to hear from you. Apply below using your CV and Cover Letter/Supporting Statement (which must bullet point how you meet each of the essential criteria).

Closing date 30/10/2022 at 23:59 with interviews commencing from 21/11/2022 . You will hear from us once the closing date has passed. Our interviews are taking place remotely via Microsoft Teams.

If successful, please note we are unable to offer expenses for travel to your normal place of work. Please ask at interview if you would like extra clarity on how often this requirement is likely to be.

How we can help:

If you are considering applying and need assistance to do so, please contact us via [askHR@metoffice.gov.uk](mailto:askHR@metoffice.gov.uk). You can request adjustments either within your application or by contacting us. Should you be offered an interview, please be aware there may be a selection exercise which could include a presentation, written test or a scenario-based activity.

You can select in your application to be considered under the Disability Confident (Guaranteed Interview) Scheme. To be invited to interview/assessment under this scheme, your application must meet the essential criteria for the

role.

We are an equal opportunities employer, welcoming applications from those with all protected characteristics. We recruit on merit, fairness, and open competition in line with the Civil Service Code.

We can only accept applications from those eligible to live and work in the UK - please refer to GOV.UK for information. We require Security clearance, for which you need to have resided in the UK for at least 3 of the last 5 years to be eligible. You will need to achieve full security clearance within your first 6 months with us.

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