

**PERSON SPECIFICATION**

**SENIOR RESEARCH ASSOCIATE IN MODELLING ATMOSPHERIC OXIDATION IN THE TROPICS**

**Vacancy reference:**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| --- | --- | --- |
| A PhD in atmospheric science or a closely related numerical discipline | Essential | Application Form |
| Publication record appropriate to stage of career including first author research publications in peer-reviewed journals | Essential | Application Form |
| Experience running atmospheric models (e.g., global CTMs or CCMs) | Essential | Supporting Statements/Interview |
| Experience in data analysis and interpretation of results (e.g., using R, Python, or similar language) | Essential | Supporting Statements/Interview |
| Effective computer programming skills in Fortran in a Linux environment | Essential | Supporting Statements/Interview |
| The ability to present information in an accurate and appropriate format. | Essential | Application Form |
| To convey an appropriate rationale and interest in applying for this particular post  | Essential | Application Form |
| Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues | Desirable | Supporting Statements/Interview |
| Experience in uncertainty quantification methods | Desirable | Supporting Statements/Interview |
| Experience in atmospheric model development | Desirable | Supporting Statements/Interview |

* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
* **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.