

**PERSON SPECIFICATION**

**RESEARCH ASSOCIATE /SENIOR RESEARCH ASSOCIATE**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| --- | --- | --- |
| A PhD in volcanology, fluid dynamics, or a related discipline | Essential | Application Form |
| Experience of quantitative research such as study design, managing projects, quality assuring and analysing and interpreting data | Essential | Supporting Statements/Interview |
| Excellent communication skills; able to communicate with internal and external researchers at all levels | Essential | Supporting Statements/Interview |
| Publication record appropriate to stage of career including first author research publications in peer-reviewed journals | Essential | Application Form |
| To convey an appropriate rationale and interest in applying for this post. | Essential | Interview |
| Effective interpersonal skills including evidence of working collaboratively within a team, an understanding of EDI, and providing appropriate guidance for colleagues | Desirable  | Interview |
| Experience in using and/or developing numerical models (e.g., tephra dispersal).  | Desirable  | Supporting Statements/Interview |
| Experience in the construction of (probabilistic) tephra hazard maps. | Desirable  | Supporting Statements/Interview |
| Knowledge of conduit models and their implementation. | Desirable  | Supporting Statements/Interview |
| Experience in performing textural analysis of pyroclasts, especially size, shape, and density distributions. | Desirable  | Supporting Statements/Interview |

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* **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.