

PERSON SPECIFICATION

SENIOR RESEARCH ASSOCIATE

Ref: A2214

Criteria	Essential/ Desirable	Application Form/ Supporting Statements/ Interview*
Research experience in statistics and/or machine learning at PhD level or equivalent, including experience of at least one of extreme value statistics, spatiotemporal modelling, advanced MCMC, Gaussian processes, Bayesian optimisation, active learning, uncertainty quantification, emulation	Essential	Supporting Statements/Interview
Strong statistical computing skills	Essential	Supporting Statements/Interview
Ability to work independently, to adhere to deadlines and reach milestones, and to assist with the technical project management	Essential	Supporting Statements/Interview
Effective interpersonal skills including evidence of working collaboratively within a team	Essential	Supporting Statements/Interview
Ability to represent Lancaster University and the consortium as a whole at national and international meetings related to the project	Essential	Supporting Statements/Interview
Publications record appropriate to stage of career including first author research publications in peer-reviewed journals or conferences	Essential	Application Form
Ability to adhere to deadlines, and to achieve important milestones	Essential	Supporting Statements/Interview
To convey an appropriate rationale and interest in applying for this particular post	Essential	Application Form
Experience of working in environmental applications	Desirable	Supporting Statements
The ambition and ability to develop new areas of study including submissions for grants	Desirable	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.