JOB DESCRIPTION

Vacancy Ref: A1550

Job Title:	Research Associate (Models in the Cloud)	**Present Grade:** 6

Department/College:	School of Computing and Communications, Lancaster Environment Centre
Directly responsible to:	Prof. Gordon Blair, Prof. Jon Whittle, Dr. Paul Young
Supervisory responsibility for: None	

Other contacts

Internal:
Other Senior Research Associates/ Research Associates in the project; research staff on related projects
External:
Collaborators/partners working on the project, specifically CEH, JBA Trust, CESM, UKESM and EBTIC

Major Duties:

1. Supporting and undertaking research necessary to achieve Lancaster University's aims within the EPSRC-funded "Models in the Cloud: Generative Software Frameworks to Support the Execution of Environmental Models in the Cloud" project. More specifically, to assist with the overall goal to develop principles, software engineering techniques and tools that support the automatic generation of software frameworks from high-level domain specific models to enable the flexible execution of environmental models in the cloud.
2. Working effectively in a cross-disciplinary team to achieve the above goal.
3. Contributing to the planning, development, and publication of our work within the project.
4. Preparing and presenting of talks, posters and reports to disseminate the results of the research.
5. Participating in national and international conferences and workshops to present the results of the project to a wider audience and to learn about current advances in the field.
6. Contributing to the preparation of (potentially collaborative) journal papers for publication of project findings.
7. Participating in all project meetings, including the development of progress reports describing and reflecting on the results of the project.
8. Participating in writing new research proposals that build on the expertise developed in this project.
9. Any other duties appropriate to the grade and position as directed by your line manager.