

Field & Lab Coordinator – Urban Disaster Analytics
Asian School of the Environment

Young and research-intensive, Nanyang Technological University (NTU Singapore) is ranked 11th globally. It is also placed 1st amongst the world's best young universities. The Asian School of the Environment (ASE) invite applications for the position of Field & Lab Coordinator within Prof. Lallemand's research group.

The Field & Lab Coordinator will join a dynamic, expanding research group that investigates the complex impact that natural hazards have on society (<http://resilience-science.org/>). In particular, the selected candidate will coordinate the lab and field activities of the group.

The work will involve supporting the research group in developing and using a new cutting edge spatial analysis and sensing lab for disaster research. This will include the testing and use of drones, distributed sensors, tinkering with sensor kits, use of spatial analysis workstations and equipment, etc. The selected candidate will also support in planning the logistics and executing field and laboratory work, with necessary equipment kept orderly, and all parties coordinated safely. Active participation in research will be encouraged, and support for publication and meeting/conference presentations can be available. Preferred commencement date is as soon as possible.

Duties and Responsibilities

- Support the development of a new cutting-edge remote sensing and spatial analysis lab for disaster risk research: drones, satellite remote-sensing, distributed sensors, spatial analysis equipment and software.
- Identify lab equipment needs and arrange for procurement of equipment.
- Assist with field/lab's budget planning, forecast, review, management and expenditure control.
- Planning and coordinating of field activities for the natural hazards and society group, leading to successful execution and coordination of field work.
- Assist with safety on field projects.
- Coordinate on projects in collaboration with NTU researchers and foreign scientists.
- Support field-based research in natural hazards
- Assist with research and conferences.
- Willing to travel, occasionally for long periods (up to 3-4 weeks per trip).

Knowledge and Experience Requirements:

- Honors/Masters degree in Earth Sciences, Geography, Environmental Studies, Engineering, Public Policy, or related fields.
- Familiar with and interested in human-environmental systems, public policy, non-governmental, or humanitarian work.
- Experience with field survey techniques and equipment, including unmanned aerial systems preferred.
- Strong background in field studies related to earth systems science, environmental science, or human-environmental systems.
- Experience with typical institutional purchasing systems (Tender, ITQ, SVP) preferred.
- Excellent oral and written communication skills in English.



Key Competency Requirements:

- Strong organizational and project management skills
- Ability to manage financial budgets
- Logical thinking and creative problem solving is essential
- Self-driven, highly motivated, collaborative, with interest to work with other researchers and scientists (team player) to produce high-quality and impactful research.

Interested applicants are invited to submit a full CV, work samples and names and contact details of two referees, to dlallemant@ntu.edu.sg and tianning.lim@ntu.edu.sg indicating Field & Lab Coordinator – Disaster Risk Analytics in the title. Review of applications will begin immediately.

Kindly note that only short-listed candidates will be contacted for interview.

