

## **Research Fellow**

Department of Geography, National University of Singapore

### **Job Description:**

The Department of Geography at NUS is looking for a full-time research fellow, beginning as soon as possible, in the area of Geographic Information System (GIS) with specialization in spatial optimization and planning. This candidate is expected to be a self-motivated researcher with a strong background in GIS and spatial optimization. The main objective of the research project is to leverage Artificial Intelligence to solve some spatial optimization problems, such as routing and zoning.

### **Job Requirements:**

The candidate must have

- A PhD degree or equivalent in GIS, Mathematics or related fields
- Strong skills in programming using different programming languages, such as python, R, Java, JavaScript, PHP
- Proficiency in ESRI ArcGIS and open source GIS software
- Demonstrated capabilities in conducting related research
- Self-motivated

### **Duration of Appointment:**

The period of appointment will be six months in the first instance, renewable subject to available grant.

### **Application deadline:**

Until the position is filled.

Interested candidates should submit 1) a 1-page cover letter summarizing experience and expertise, 2) CV to Dr Cao Kai at [geock@nus.edu.sg](mailto:geock@nus.edu.sg). Only short-listed candidates will be notified.