



## GIS & Remote Sensing Data Processing

Civil and Urban Engineering

NYU Abu Dhabi

The Civil and Urban Engineering at New York University Abu Dhabi, seeks to recruit an intern to work in the position of GIS & Remote Sensing Data Processing .

### **Brief Job Description:**

Support spatial data processing for urban climate and land-use analysis

Process satellite imagery (e.g., Landsat, Sentinel) for land surface temperature and land cover analysis

Assist with Google Earth Engine workflows for data extraction, preprocessing, and visualization

Perform basic GIS analyses (mapping, spatial overlays, time-series summaries)

Document scripts, workflows, and data outputs clearly for reproducibility

Support preparation of maps and figures for research publications and proposals

Prior experience with GIS (QGIS or ArcGIS) is required.

Working knowledge of Google Earth Engine or strong willingness to learn quickly

Basic familiarity with Python or JavaScript is a strong advantage.

**For consideration, applicants need to submit :** cover letter, cv, statement of research interest, letters of reference to the internship supervisor. Please make sure to use the following email subject: “External Internship Application - position title”.

If you have any questions, please email **Rita Sousa** at **rls10049@nyu.edu**.

The internship opportunity is competitive. Applications will be accepted during a short timeframe during Spring and Fall terms. Shortlisted candidates will be notified within a month of the application deadline.

### *About NYUAD:*

NYU Abu Dhabi is a degree-granting research university with a fully integrated liberal arts and science undergraduate program in the Arts, Sciences, Social Sciences, Humanities, and Engineering.

NYU Abu Dhabi, NYU New York, and NYU Shanghai, form the backbone of NYU's global network university, an interconnected network of portal campuses and academic centers across six continents that enable seamless international mobility of students and faculty in their pursuit of academic and scholarly activity. This global university represents a transformative shift in higher education, one in which the intellectual and creative endeavors of academia are shaped and examined through an international and multicultural perspective. As a major intellectual hub at the crossroads of the Arab world, NYUAD serves as a center for scholarly thought, advanced research, knowledge creation, and sharing, through its academic, research, and creative activities.

EOE/AA/Minorities/Females/Vet/Disabled/Sexual Orientation/Gender Identity Employer

UAE Nationals are encouraged to apply