Spatial Data Scientist Position in CTED  
With Faculty in the Division of Social Sciences  
NYU Abu Dhabi

The Center for Technology and Economic Development (CTED) and Division of Social Sciences at New York University Abu Dhabi seek to appoint a data scientist specializing in spatial data and analysis, starting immediately. The successful applicant will participate in, develop, and direct a wide range of data management, collection, and creation tasks related to spatial data. They will build new raster and vector spatial data sets under the direction of faculty and assist in the development of new spatial and remote sensing measurement techniques and software tools related to on-going research projects. The ideal candidate will have a strong background in statistical and/or computer programming, and enough facility with mathematics and statistics to implement algorithms and statistical techniques in computer code (e.g., R, Python). Additionally, the analyst will trouble-shoot device performance, data collection, manipulation, and computation problems related to the processing and analysis of geospatial data and solutions for spatial data needs of social science researchers using knowledge of current spatial/remote sensing/GIS literatures. Applicants should have experience with R and/or Python, and be comfortable working with or learning related GIS libraries and programs like the Geospatial Data Abstraction Library (GDAL), QGIS, and GRASS.

Applicants must have a Bachelor’s or Master’s Degree in statistics, computer science, GIS, or another discipline related to geospatial analysis. Excellent communication skills in English, the ability to work in multidisciplinary teams, and scientific creativity are essential. Additional experience with field collection, particularly in developing regions, is an advantage.

The terms of employment are very competitive and include housing and educational subsidies for children. Applications will be accepted immediately and candidates will be considered until the position is filled. To be considered, all applicants must submit a cover letter, curriculum vitae including a complete list of publications, a one-page summary of research accomplishments and interests, and 2-3 letters of recommendation, all in PDF format. In order to complete the application process you will be required to provide the names and email addresses of at least two reference authors who will be automatically and directly contacted by the online application system with instructions for submitting their letters. Please visit our website at http://nyuad.nyu.edu/en/about/careers/faculty-positions.html for instructions and information on how to apply. If you have any questions, please email cted@nyu.edu.

About NYUAD:
New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

Entering its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in their research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi’s highly selective liberal arts enterprise is complimented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

EOE/Minorities/Females/Vet/Disabled