

Job Description: Climate Data Analyst

Four Twenty Seven, a climate risk and resilience research & advisory firm, is looking for a Climate Data Analyst with expertise in applied climate change science to join our Climate Analytics team.

The Climate Analytics team brings climate experts and modelers together to provide innovative climate data intelligence and analysis to support Four Twenty Seven's research products and client deliverables. The team works collaboratively with other groups internally and applies climate science to better understand the physical, social, and economic risks in the long-term.

The candidate will work closely with the literature and data related to climate, weather, and impacts on society. Analysts must be able to ingest and evaluate complex climate data, catalog the sources of climate data used in research, and run advanced statistical analysis.

This role may be a part- or full-time position and can be completed remotely.

Responsibilities

- Curate climate data, extract, clean and process datasets
- Perform stochastic modeling of climate and weather data
- Evaluate the limitations of existing data sources and test methods of extreme weather modeling
- Contribute to sector- and site-specific climate risk analysis and consulting projects as needed
- Draft literature reviews and white papers from concept to delivery
- Contribute to the development of proposals and RFP opportunities, including background research and content development

Requirements

- Master's degree in atmospheric or physical sciences, meteorology, hydrology, environmental science, or a related field
- 3+ years' experience in climate data analysis and research
- Proficiency with scientific computing in an interpreted language for data analysis such as Python (preferred), R, or MATLAB
- Advanced understanding of climate change science and knowledge of Bayesian statistical methods
- Ability to communicate technical issues orally and in writing
- Familiarity working with GIS platforms (e.g. QGIS, ArcDesktop, ArcOnline)
- Experience with data visualization and design preferred (e.g., D3, Tableau)
- Thrives with learning new topics, developing new skills and using new tools
- Passionate about climate science, climate adaptation, and risk modeling
- Self-starter, autonomous and responsible – must be able to meet deadlines
- Comfortable in a start-up environment, able to juggle multiple deadlines

About Four Twenty Seven

Four Twenty Seven (www.427mt.com) is an award-winning, mission-driven research and advisory company dedicated to building climate resilience through social innovation. Four Twenty Seven helps business leaders and investors understand how climate change will impact their assets, price climate change risk in economic decisions, and invest in resilience.

Four Twenty Seven's fast-growing capabilities include climate risk modeling, vulnerability assessments, development of metrics, ratings and indices for benchmarking and evaluating, climate adaptation strategies, and training and stakeholder engagement. Our team comprises highly qualified professionals with backgrounds in climate science, economics and finance, natural resources management, policy analysis, public health, and international development.

Four Twenty Seven is an equal opportunity employer with a global culture that embraces diversity. All qualified applicants will receive consideration for employment and will not be unfairly discriminated against on any arbitrary ground including race, color, sex, religion, national origin, veteran status, disability, gender identity, sexual orientation, or other protected category.

To apply

Send your resume, cover letter, and a writing sample to careers@427mt.com with the subject line "Climate Data Analyst_2018". Application deadline: June 15th, 2018.

Note, we are unable to sponsor H1-B visa at this time and candidates must have a valid work visa or be a U.S. citizen / permanent resident.