

Staff Associate Job Position

The International Research Institute for Climate and Society (IRI), <http://iri.columbia.edu>, of Columbia University, located in the Lamont Campus in Palisades, Rockland County, NY is recruiting a Staff Associate to solve problems for dataset production and development for the IRI. Develop and maintain data archive documentation and training materials. Assist and support IRI Data Library and IRI Scientists. Support, develop and produce specialized products and tools. Support and maintain routine data library functions. Assist other project/program roles, as directed.

Responsibilities:

Understand atmospheric and oceanographic datasets and their impact on climate-sensitive sectors of society (e.g. agriculture, hydrology, health). Develop online analyses for these datasets that are critical for stakeholders and policy makers to reduce the risk of climate variability and climate change on these sectors. Develop online monitoring and early warning systems for particular foci within these sectors.

Work as part of a program team that develops and maintains data sets for the study of climate variability and social impacts of climate variability. Improve and maintain data curation processes that preserve the heritage of the atmosphere and ocean datasets used in the stakeholder analyses and systems. Improve metadata for these datasets and integrate with existing dataset metadata.

Minimum Qualifications:

BS in Physical or Mathematical Science and 4 years related experience are required. Or MS and 2 years experience with a good background in Meteorology, Oceanography, Geophysics or Physical Geology required. Previous experience in computer work, UNIX, computer programming in a higher level language (like C, C++,Java) or commonly used scripting language (like Perl, Python, UNIX shell), and/or geospatial data-analysis required. Excellent English writing and communication skills required.

Knowledge of XML, HTML, JavaScript, and object-oriented programming desirable.

Annual salary will be commensurate with skills and experience.

Columbia University benefits afforded with this Officer of Research position.

Search will stay open for 30 days after the ad appears and will continue until the job is filled. Please visit our online application site at <https://academicjobs.columbia.edu/applicants/Central?quickFind=59150> for further information about this position and to submit your application.

Columbia University is an Equal Opportunity/Affirmative Action employer.

We only accept online applications.