

Postdoctoral Associate
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=135941>

Downloaded On: Jun. 3, 2020 2:35am

Posted Jan. 8, 2020, expired May 9, 2020

Job Title	Postdoctoral Associate
Department	Renew Institute
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jan. 8, 2020
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Atmospheric Sciences
Apply Online Here	http://www.ubjobs.buffalo.edu/postings/23156

Apply By Email

Job Description

Position Summary

Dr. Kang Sun's research group in the Department of Civil, Structural & Environmental Engineering and RENEW Institute at University at Buffalo is seeking a postdoctoral candidate interested in satellite remote sensing of atmospheric composition. Using a combination of satellite, aircraft, and ground-based observational data as well as numerical model simulations, the successful candidate will lead research on 1) deriving surface concentrations of air pollutants based on satellite column observations, 2) retrieving abundance of atmospheric species from remotely sensed spectra, and/or 3) quantifying emissions of atmospheric reactive species and greenhouse gases using observations and models.

Candidates with previous experience in remote sensing of the Earth's atmosphere, high-performance computing in Unix-based operating systems, and scientific computing languages (Matlab, Python, R, and Fortran) are preferred, but highly motivated candidates with background in meteorology and climatology, hydrology, geography, and earth sciences are encouraged to apply. A Ph.D. degree is

Postdoctoral Associate
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=135941>

Downloaded On: Jun. 3, 2020 2:35am

Posted Jan. 8, 2020, expired May 9, 2020

required by the time of appointment.

The successful candidate will benefit from close interactions with satellite science teams such as OMI, TROPOMI, TEMPO, and MethaneSAT and collaborators from Boston University, Harvard University, the Smithsonian Institution, NASA, and NOAA.

Position start date is as soon as possible but can be changed depending on the candidate's availability. The initial contract duration is 12 months. Extension is desired but conditional on the performance of the candidate.

Outstanding Benefits Package

Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit – all in an effort to support your work-life effectiveness. Visit our benefits website to learn about our benefit packages.

About UB

The University at Buffalo is SUNY's most comprehensive public research university, and an outstanding place to work. UB amplifies ambition for faculty and staff by offering endless possibilities to achieve more. Here, people from all backgrounds and cultures challenge and inspire each other to discover, learn and succeed. Dedicated staff and engaged faculty collaborate to further knowledge and understanding, and develop tenacious graduates who are valued for their talents and their impact on global society. Visit our website to learn more about the University at Buffalo.

As an Equal Opportunity Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Minimum Qualifications

The candidate will possess a PhD in atmospheric science, environmental engineering, meteorology and climatology, hydrology, geography, or related field. The candidate should demonstrate strong written and oral communication skills through peer-reviewed publication and presentations.

Preferred Qualifications

Previous experience in remote sensing of the Earth's atmosphere, radiative transfer, high-performance computing in Unix-based operating systems, and scientific computing languages (Matlab, Python, R, and Fortran) are preferred.

Postdoctoral Associate
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=135941>

Downloaded On: Jun. 3, 2020 2:35am

Posted Jan. 8, 2020, expired May 9, 2020

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

,