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<b>Job Title</b>	Postdoctoral Scientist
<b>PVN ID</b>	CC-2009-003707
<b>Category</b>	Research
<b>Location</b>	The CITY COLLEGE of NEW YORK
<b>Department</b>	NOAA CESSRST Center
<b>Status</b>	Full Time
<b>Salary</b>	Depends on qualifications
<b>Hour(s) a Week</b>	35
<b>Closing Date</b>	Nov 11, 2020 (Or Until Filled)

## General Description

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### Post-Doctoral fellow, The City College of New York

The Postdoctoral Fellow position is a 12-month position (extended to 24 month) at the NOAA-Center for Earth System Sciences and Remote Sensing Technologies, The City College of New York, 160 Convent Ave, New York, NY, 10031. Candidate will be co-located for 6 months in a NOAA facility, to work with NOAA collaborators , as well

### Responsibilities:

The Postdoctoral fellowship goal to expand scientific understanding of NOAA mission sciences, with a focus on remote sensing and Earth system science and technology. This position offers the opportunity to advance their research while contributing to NOAA-related science missions and engage in application of Remote Sensing technologies in one of the three (or interdisciplinary) research themes (1) Coastal Resources and sustainability(2) Weather and Atmospheric Hazards, and (3) Water Prediction and Ecosystem Services. For details, please visit the webpage: <https://www.noaacrest.org/research/themes>

Candidate will be communicating research results through publication in peer-reviewed journals, meeting proceedings, project websites and presentations at scientific meetings, and develop technical documentation and training material on the design and use of new data processing tools for U.S. federal partners and the broader community. The post-doc will be responsible for preparing quarterly and annual reports summarizing progress on project objectives and writing journal articles describing project results.

### Compensation and Benefits

Salary commensurate with education and experience.

### Application:

Submit your application **online**. The application must include:

- Cover letter describing your interests and qualifications for the position and how the position will advance your career objectives,
- Your Curriculum Vitae,
- Transcripts from all universities you attended,
- Copies of representative publications, and
- Names and contact information for three professional references.

Review of applications will start Sept 24, 2020. The position will remain open until filled. Contact Prof. Reza Khanbilvardi ([Khanbilvardi@ccny.cuny.edu](mailto:Khanbilvardi@ccny.cuny.edu)) for additional information.

## Other Duties

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## Qualifications

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### Minimum Qualifications

Candidates must be US Citizens and have received a PhD within the past two years (24 months) from an accredited college or university.

### Preferred Education/Credential:

Applied Math, Geoscience, Oceanography, Hydrology, Meteorology, Engineering (Civil, Geological, Ocean or Environmental), or related field.

Candidates that demonstrate any or all of the following are preferred: (1) strong skills in independent conceptual model development at multiple scales, statistical data analysis, machine learning, and analysis and visualization of complex simulation results; (2) fluency in R and Python; (3) experience with managing scientific workflows, software modular design and version control to optimize efficiency; (4) experience with the numerical solution of nonlinear/linear PDEs governing physical processes; (5) experience with Fortran90/C/C++, the Linux operating system, and parallel programming paradigms.