

Postdoctoral Research Associate in Aquatic Remote Sensing

Tzortziou Bio-Optics Lab
Center for Discovery and Innovation, CCNY/CUNY
Lamont Doherty Earth Observatory, Columbia University

A Postdoctoral Research Associate position in **Remote Sensing of Aquatic Environments** is currently available with the Tzortziou Bio-Optics Laboratory at the Center for Discovery and Innovation, City College of New York, and Lamont Doherty Earth Observatory at Columbia University. The successful applicant will participate in multi-disciplinary research that integrates ground-based and satellite remote sensing observations with numerical ecosystem models to assess impacts of anthropogenic pressures and environmental hazards on inland, coastal, and open ocean biogeochemical cycles and ecological processes. You can learn more about our research [here](#)

The position requires a PhD in Environmental Science, Oceanography, Engineering, or related discipline, and previous experience in ocean optics and/or remote sensing. The successful candidate will participate in interdisciplinary studies that involve fieldwork (including measurements in the coastal Arctic) and remote sensing retrieval of biogeochemical variables from multi- and hyperspectral sensors. Position requires self-motivation, creativity, ability to work well within a multidisciplinary and dynamic environment, strong analytical skills, programming experience (e.g., Python, Matlab), experience in field data collection methods, and good communication skills.

The position is for two years, with the possibility of renewal for an additional year.

To apply, please include:

1. Letter of Interest
2. Curriculum Vitae.
3. Publication list.
4. Contact information for 3 references.

Review of applications will begin immediately and continue until the position is filled.

Submit your application by e-mail to Prof. Maria Tzortziou at mt3123@columbia.edu



Center for Discovery and Innovation (CDI), Manhattan, New York.