



TZORTZIOU
BIO-OPTICS LAB



Postdoctoral Research Associate in Aquatic Remote Sensing

Tzortziou Bio-Optics Lab
Center for Discovery and Innovation, New York City

Are you interested in participating in research that explores impacts of anthropogenic pressures, environmental hazards, and climate stressors on coupled natural-human systems? If so, join us!

Learn more about our research [here](#).

Please e-mail:

- (i) statement of interest,
- (ii) a curriculum vitae, and
- (iii) contact information of three references to Prof. Maria Tzortziou (mtzortziou@ccny.cuny.edu or mt3123@columbia.edu).

The start date is Summer-Fall 2023. Review of applications will begin immediately.

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 selected candidate will participate in interdisciplinary research that integrates **ground-based and satellite (multi- and hyper-spectral) remote sensing observations** to assess the impacts of anthropogenic pressures and environmental hazards on inland, coastal, and open ocean biogeochemical cycles and ecological processes.

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

Salary: \$60,000-\$75,000/year

This position offers a competitive benefits package. Additional support will be provided for research expenses and participation in conferences for communication of results, networking, and interaction with the scientific community.