Research Technician Position
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!*

You can learn more about our research here.

Please e-mail:
(i) statement of interest,
(ii) a curriculum vitae,
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 Research Technician position 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 studies integrating **field measurements, laboratory experiments, and satellite remote sensing observations** to assess the **impacts of anthropogenic pressures and environmental hazards on inland, coastal, and open ocean biogeochemical cycles, ecological processes, and ecosystem services** across temporal and spatial scales. The environmental stressors addressed in ongoing lab projects include urban development, human population shifts, atmospheric pollution, eutrophication, acidification, global warming, sea level rise, permafrost thawing, and changing hydrological regimes.

We are searching for a **highly motivated early career scientist with a background in environmental sciences and a willingness to be part of an interdisciplinary team effort**. The Lab Technician will be expected to participate in fieldwork related to biogeochemical and ecological processes in aquatic (freshwater and marine) environments, conduct bio-optical measurements, assist with the design and planning of experiments, carry out laboratory experiments, maintain appropriate protocols, and assist with data processing, statistical analysis, and data management. Experience in programming (e.g., Matlab, Python) is preferred.

Salary: $45,000-$55,000/year (depending on prior experience) This position offers a competitive benefits package and opportunities for participation in conferences for communication of results, networking, and interaction with the scientific community.