

CAROLINE WILLIAMS

carolinegrace577@gmail.com | linkedin.com/in/cgracewilliams | (443) 841-5705

ENVIRONMENTAL SCIENCE & DATA EXPERIENCE

High Tide Technologies, Remote

October 2024–Present

Distributor Partner Manager (October 2025–Present)

- Lead performance monitoring and analysis for over 25 distributor partners across North America, driving a 30% increase in annual sales
- Facilitated quarterly business reviews, utilizing data-driven insights to identify growth opportunities and optimize partner engagement
- Identify, recruit, and onboard new channel partners aligned with strategic goals and market objectives

Director of Data Science (October 2024–October 2025)

- Managed data science projects and collaborated across departments to align data initiatives with organizational goals

Blue Water Baltimore, Baltimore, MD

2023

Water Quality Team Member

- Collected stream samples and processed bacteria samples in the BWB Lab as part of the Waterkeeper team; monitored for Phycoerythrin, Chlorophyll, Fecal Bacteria, Total Nitrogen, Total Phosphorus, Turbidity, and pH

Sea Otter Savvy, San Luis Obispo, CA

2017-2019

Field Observer

- Conducted biweekly field scan sessions recording sea otter behavior data as part of a Citizen Science Team informing wildlife protection agencies

GIS & RESEARCH EXPERIENCE

Columbia University – Lamont Doherty Earth Observatory, Palisades, NY

August 2025–Present

Visiting Student Researcher

- Supported seafloor mapping and ocean data management initiatives

NYC OceanTech Summit, New York, NY

May 2024–Present

Host & GIS Research Presenter

- 1 of 13 researchers selected to present GIS research at the Inaugural NYC OceanTech Summit (May 2024) showing the impact of pollution levels in streams and rivers
- Hosted the summit during World Oceans Week in June 2025 and moderated a panel on Data and the Ocean
- Returning as host for the June 2026 summit

Spatial Analysis Visualization Initiative (SAVI) Center, Brooklyn, NY

September 2024–January 2025

Graduate Assistant

- Led and coordinated Geographic Information System (GIS) projects and oversaw communications for the SAVI Center

Cold Spring Harbor Laboratory, Cold Spring Harbor, NY

June 2023–July 2023

Ellen Brenner Memorial Fellow

- 1 of 2 fellows awarded The Ellen Brenner Memorial Fellowship; worked with collections related to the history of molecular biology and biotechnology

EDUCATION

Pratt Institute, New York, NY

May 2026

Master of Science in Data Analytics and Visualization

Advanced Certificate in Spatial Analysis and Design

- Received \$1,500 in funding from the GSEF to present a research paper on scientific archives and GIS mapping at the ARA Annual Conference

California Polytechnic State University, San Luis Obispo, CA

2019

Bachelor of Arts in Philosophy; Concentration: Ethics and Society

- Varsity Women's Tennis, Nominated 2019 NCAA Woman of the Year

LEADERSHIP & VOLUNTEER EXPERIENCE

WINGS Women of Discovery, New York, NY

2024–Present

Co-Chair of the Associate Board

- Provide strategic leadership and fundraising support for women leaders in science, exploration, and conservation; co-hosted events with the Climate Film Festival

Christodora, New York, NY

2023–Present

Chair of the Junior Board

- Founded and grew the Junior Board from 0 to 17 members; organized the "Spring Soiree" at the Climate Museum, raising over \$10,000 with nearly 200 participants

SKILLS, FELLOWSHIPS & AFFILIATIONS

GIS & Mapping: ArcGIS Online, ArcGIS Pro, QGIS, Mapbox, GeoMapApp, GMRT, MBedit • **Certification:** Open Water Diver (SSI)

Awards: Water Leadership Institute (2026 Cohort) • Blue Gen Program at Explorers Club (Cohort 4) • Brenner Fellow at CSHL • NCAA Woman of the Year Nominee

Affiliations: Explorers Club • American Geophysical Union • The Oceanography Society • American Association of Geographers • Data Visualization Society • Oceanic Global Steering Committee Alumni