



Poster Agenda

High School	
1.	HS: <i>Fallopia Japonica as an Alternative Fuel Source to Remediate the Spread of Invasive Species</i> Meaghan Caron, Bangor High School
2.	HS: <i>Multi-Point Correlation to Lake Analytics in Developing a Method of Monitoring Eutrophication</i> Quinn D'Alessio, Bangor High School STEM Academy
3.	HS: <i>Identifying Microplastics in the Sediment of the Penobscot River Watershed using Arc-GIS</i> Ginny Hunt, Bangor High School
4.	HS: <i>The Creation of Silver Nanoparticle Tablets to Combat Heavy Metals in Drinking Water</i> McKayla Kendall and Maya Elkadi, Bangor High School Stem Academy
Undergraduate	
5.	UG: <i>Timescales of carbonate chemistry variability as observed in pH, pCO₂, and chlorophyll fluctuations in Harpswell Sound, ME</i> Eugen Cotej , Bowdoin College
6.	UG: <i>Stakeholder groups have different preferences for freshwater resource management in Acadia National Park</i> Dominique DiSpirito , University of Maine
7.	UG: <i>UMaine SARS-CoV-2 Wastewater Surveillance</i> Audrie French , Kettie Cormier , Harrison Cyr , University of Maine
8.	UG: <i>The role of GIS in developing an outreach tool for a long-term watershed restoration project</i> Dean L. Hernandez , University of New England
9.	UG: <i>Spatial, Temporal, and Well-Specific Influences on Well Water Quality, Northern Mount Desert Island, Maine</i> Gabriela Moroz , College of the Atlantic



10. UG: [Data Analysis and Spatial Mapping of Dissolved Oxygen in the Androscoggin River from 1930-2019](#)

[Vanessa Paoella](#), Bates College

11. UG: [Pathways of arsenic ingestion in Maine: Data to action](#)

[Isidora Liliana Muñoz Segovia](#), College of the Atlantic

12. UG: [Understanding Phosphorus Internal Load in Natural and Engineered Lake Systems](#)

[Abbey Sykes](#), [Naomi Akagha](#), [Sophia Strine](#), Colby College

Graduate

13. G: [Prediction of Coastal Transport Timescales and Connectivity in Shallow Mesotidal Inland Bay Estuaries](#)

[Sohaib Alahmed](#), University of Maine

14. G: [A UAV-based remote sensing platform to Detect Spatial Variation Crop Water Use for Precision Agriculture of Wild Blueberries of Maine](#)

[Kallol Barai](#), University of Maine

15. G: [Adsorption of Synthetic Organic Compounds by Microplastics: A Cacophonous Literature](#)

[Ashton Collins](#), University of Maine

16. G: [A Possible Solution to Rural Brain Drain in Maine: How Environmental Place-Based Attachment Influences Future Residential Aspirations of Rural Youth](#)

[Zachary Davis](#), University of Maine

17. G: [The Effect of COVID-19 on Hospitality and Building Supply Sales in Maine](#)

[Yelshaday Gebreselassie](#), University of Maine

18. G: [Strengthening learning, leadership and equity in Maine and Wabanaki wild shellfisheries: Insights from the Maine Shellfish Learning Network](#)

[Gabrielle Hillyer](#), University of Maine

19. G: [Migration of adult sea lamprey in the vicinity of the Milford Dam, Penobscot River, ME](#)

[Erin Peterson](#), University of Maine

20. G: [The Economic Resilience of Natural Resource Dependent Communities in the United States](#)

[Joseph Reed](#), University of Maine



21. G: [Integrating Local Ecological Knowledge and Scientific Knowledge to Understand Complex Relationships in Two Maine Estuaries](#)

[Sarah Risley](#), University of Maine

22. G: [Pouring spatial data into shellfishery management decision-making](#)

[Bea Van Dam](#), University of Maine

23. G: [Resilient Coastal Solutions](#)

[Elisabeth Younce](#), [Matthew Fischer](#), [Preston Spicer](#), [Reilley Hicks](#), [Samuel Rickerich](#), University of Maine

24. G: [Vertical habitat gradients: comparing phytoplankton dynamics between lakes with varying dissolved organic carbon concentration in Acadia National Park](#)

[Matthew J. Farragher](#), University of Maine

Professional

25. P: [Predicting freshwater inflows to Frenchman Bay, Maine](#)

[Kenen Goodwin](#), University of Maine

26. P: [Wading into our Waters: 19 years of citizen science water quality monitoring in the Saco River Basin](#)

[Trent Millum](#), Green Mountain Conservation Group

27. P: [National Water Model Application in Maine Coastal Water Quality Management](#)

[Sean Smith](#), University of Maine