



Ocean Acidification Related Presentations and Posters at the [2022 Ocean Sciences Meeting](#)

Thursday 2/24

Jessica Cross, PMEL: “What is the ocean’s role in carbon dioxide removal? Marine CDR Technologies”, Townhall Speaker, Location: TH05. [Link](#)

Monday 2/28

Fei Da, VIMS: “Processes driving carbonate system variability in the York River estuary”, Oral presentation, Location: 6. [Link](#)

Richard Feely, PMEL: “Coastal acidification along the west coast of North America”, Oral presentation, Location: 6. [Link](#)

Emily Rivest, VIMS: “Integrating carbonate chemistry variability and ocean acidification thresholds to characterize habitat suitability for Eastern oysters”, Oral presentation, Location: 6. [Link](#)

Grace Saba, Rutgers University: “Anomalous intrusions of warm core ring water onto the Mid-Atlantic Bight shelf alleviate acidification but increase warming during summer 2021”, Oral presentation. Location: 6. [Link](#)

Samantha Siedlecki, University of Connecticut: “Estuarine modification of regional carbon variables: the case of the Salish Sea”, Oral presentation, Location: 6. [Link](#)

Kaitly Soapi, Pacific Community: “A hub of opportunity: a center for ocean acidification observations in the Pacific Islands Region”, Oral presentation. [Link](#)

Jianzhong Su, University of Delaware: “Supply-controlled calcium carbonate dissolution decouples the seasonal dissolved oxygen and pH minima in Chesapeake Bay”, Oral presentation, Location: 6. [Link](#)

Heidi Hirsh, CIMAS: “Predicting coral reef carbonate chemistry through statistical modeling: constraining nearshore residence time at Pacific Island scales”, Oral presentation, Location: 33. [Link](#)

Tuesday 3/1

Simone Alin, PMEL: “A decade-long time-series on estuarine acidification and hypoxia dynamics in the southern salish sea (North America): Biogeochemical response to an unprecedented marine heatwave, changing hydrology, and a novel carbonate storm”, Oral, Location: 6 [Link](#)

Fabian Gomez, AOML: “Increasing river alkalinity slows ocean acidification in the northern Gulf of Mexico”, Poster, Location: 2 [Link](#)

Liqing Jiang, University of Maryland: “An internally consistent data product for discrete inorganic carbon, oxygen, and nutrients on the North American ocean margins (CODAP-NA)”, Poster, Location: 2. [Link](#)

EvaLynn Jundt, Texas A&M Corpus Christi: “Multilinear Regression Model for Aragonite Saturation State Estimation in the Northwestern Gulf of Mexico”, Poster, Location: 2 [Link](#)

Samuel Gurr, NEFSC: “Wild scallop population resilience: Using multigenerational studies to estimate robustness and adaptive potential to rapidly changing ocean acidification”, Poster, Location: 2

Abigail Sisti, VIMS: “Effect of acute acidification conditions on embryos and larvae of American lobsters”, Poster, Location: 2. [Link](#)

Halle Berger, University of Connecticut, “TT10 Harmful Algal Blooms and Ocean Acidification: Defining an Agenda for Integrated Coastal Stressor Research”, Tutorial, Location: 20, TTO3 [Link](#)

Wednesday 3/2

Anthony Himes, VIMS: “Effects of parental water quality history on the ocean acidification tolerance of larval Eastern oysters, *Crassostrea virginica*”, Oral presentation, Location: 4. [Link](#)

Annie Schatz, VIMS: “Direct and latent physiological effects of multiple environmental stressors, ocean acidification and warming, on larval to juvenile stages of *Crassostrea virginica*”, Oral presentation, Location: 4. [Link](#)

Jeremy Testa, UMCES: “Ecosystem metabolism and inorganic carbon dynamics in a large freshwater macrophyte community: Insights from a synthesis of high-frequency data, spatial mapping, and rate process estimates“, Oral presentation, Location: 6. [Link](#)

Christian Meinig, PMEL: “Design, Integration and Ocean Testing of NOAA-PMEL’s ASVCO2 (Autonomous Surface Vehicle Carbon Dioxide Sensor) with Wave Gliders and Saildrones“, Oral presentation, Location: 9 [Link](#)

Melissa Solis, ODU: “Modeling the effect of environmental factors on oyster growth across diverse habitats in the Chesapeake Bay“, Oral presentation, Location: 12. [Link](#)

Adrienne Sutton, PMEL: “Comparing change across the coast to ocean continuum: best practices for assessing trends of ocean acidification time series“, Poster, Location: 27. [Link](#)

Thursday 3/3

Emily Norton, CICOES: “Seasonal ocean forecasts promote dynamic management of the dungeness crab fishery in Washington and Oregon, U.S.A.“, Oral presentation, Location: 15 [Link](#)

Friday 3/4

Brian Katz, OSU: “Ocean acidification and social-ecological thresholds in shellfisheries in the Chesapeake Bay“, Oral presentation, Location: 4. [Link](#)

Katherine Parise, American University: “A new acidification visualization from a time-series analysis of selected stations from NOAA’s Ocean Acidification Observing Network (NOA-ON)“, Oral presentation, Location: 4 [Link](#)

Jan Newton, University of Washington: “The Olympic Coast as a Sentinel: Biological risk results from an Integrated Social-Ecological Vulnerability Assessment for Ocean Acidification“, Oral presentation, Location: 4 [Link](#)

Steve DiMarco, Texas A&M: “Surface Observations from an Autonomous Surface Vehicle at the Flower Garden Banks summer/fall 2021“, Oral presentation, Location: 6 [Link](#)

Xinping Hu, Texas A&M Corpus Christi: “Subsurface acidification in the northwestern Gulf of Mexico”, Oral presentation, Location: 6 [Link](#)

Claire McGuire: “Real-time changes in carbonate chemistry observations on the Louisiana shelf during Hurricane Ida”, Oral presentation, Location: 6. [Link](#)

Acronyms

AOML: [NOAA's Atlantic Oceanographic and Meteorological Laboratory](#)

PMEL: [NOAA Pacific Marine Environmental Laboratory](#)

VIMS: [Virginia Institute of Marine Science](#)