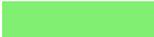


# GENERAL PROGRAM AGENDA

-  Climate Change
-  Commercial Fishing and Aquaculture
-  COVID Related Impacts, Innovations, and Recovery
-  Innovative Solutions and Best Practices for Water-Dependent Uses
-  Maritime Community, Heritage, and Culture
-  Recreational Boating and Harbors
-  Waterfront Industries
-  Waterfront Infrastructure
-  Working Waterfront Workforce Development

<b>MONDAY</b>		<b>JULY 18, 2022</b>	
8:30 a.m. - 4:30 p.m.	Pre-Conference Training by NOAA: Estimating the Local Marine Economy Location: Executive Office of Energy and Environmental Affairs (EEA)		
8:30 a.m. - 5:00 p.m.	Pre-Conference Field Trips: <i>Provincetown, New Bedford, Gloucester, Island Creek Oyster Farm Duxbury</i>		
1:00 p.m. - 4:00 p.m.	Registration Open @ Campus Center		
6:00 p.m. - 9:00 p.m.	<b>PRE-CONFERENCE EVENING RECEPTION</b> Location: Harpoon Brewery		

**TUESDAY****JULY 19, 2022**

7:45 a.m. - 5:00 p.m.	Registration Open @ Campus Center				
7:45 a.m. - 8:45 a.m.	Morning Refreshments				
8:45 a.m.- 9:00 a.m.	<i>Welcome Addresses</i>				
9:00 a.m.- 10:00 a.m.	<p><b>OPENING PLENARY: WORKING WATERFRONT WORKFORCE DEVELOPMENT</b></p> <p><b>MODERATOR:</b> <i>Natalie Springuel</i>, Marine Extension Program Leader, Maine Sea Grant</p> <p><i>Robert Brown III</i>, Program Coordinator, Youth Maritime Collaborative  <i>Ben Conniff</i>, Co-Founder &amp; Chief Innovation Office, Luke's Lobster  <i>Seth Latrell</i>, Port Authority/Deputy Planner at City of Salem  <i>Dominique Seibert</i>, Extension Agent, Louisiana Sea Grant</p>				
10:00 a.m. - 10:30 a.m.	Refreshment Break, Visit Sponsor Displays				
10:30 a.m. - 12:00 p.m.	<b>CONCURRENT SESSION A</b>				
Location	Campus Center 3540	Campus Center 3545	Wheatley1-004	Wheatley 1-006	Wheatley 2-0200
	<p><b>A1 PANEL</b> Using Local-Level Economic Data to Inform Decision-Making: Stories from Waterfront Communities</p>	<p><b>A2 ROUNDTABLE</b> U.S. Marine Aquaculture: Perceptions and Insights from a Multi-Year National Dialogue Across Sectors</p>	<p><b>A3 PANEL</b> Sea Grant in Action... Coordinating a National and Local Response to the COVID-19 Pandemic</p>	<p><b>A4 PANEL</b> Designing for Resilience, Ecology, and Access at the Water's Edge</p>	<p><b>A5 ROUNDTABLE</b> Collaborative Centers for Resilient Working Waterfronts I: The Example of the Northeast Center for Coastal Resilience</p>

Moderator	<b>Kate Quigley</b>	<b>Brett Veerhusen</b>	<b>Bryan Fluech</b>	<b>Joseph Sutkowi</b>	<b>Paul Kirshen</b>
	<b>Kate Quigley Kristen Grant Jody Thompson Ravi Chittilla Patricia Sweriduk</b>	<b>Brett Veerhusen Meghan Massaua</b>	<b>Bryan Fluech Elizabeth Rohring Keri Kaczor Robert Vincent Stephanie Otts</b>	<b>Joseph Sutkowi Kaitlyn Frega Kevin Odenthal</b>	<b>Marta Vicarelli Sheree Pagsuyoin Elisabeth Hamin Infield Robert Darst Krish Sharman</b>
12:00 p.m. - 1:00 p.m.	Lunch Provided				
1:00 p.m. - 2: 40 p.m.	<b>CONCURRENT SESSION B Oral Presentations</b>				
Location	Campus Center 3540	Campus Center 3545	Wheatley1-004	Wheatley 1-006	Wheatley 2-0200
	<b>B1</b> COVID-Related Impacts, Innovations and Recovery	<b>B2</b> Innovative Solutions and Best Practices for Water- Dependent Uses in Ports	<b>B3</b> Maritime Community, Heritage, and Culture	<b>B4</b> <b>PANEL</b> Commercial Fisheries and Aquaculture	<b>B5</b> Climate Change Adaptation
Moderator	<b>April Turner</b>	<b>Nicole Faghin</b>	<b>Kenneth Walker</b>	<b>Natalie Springuel</b>	<b>Mark Huang</b>

<p><b>Seth Rolbein</b> Small Boats, Big Taste: One Creative, Broad-based Response to the Pandemic</p>	<p><b>Natalie Beard</b> Port Houston: Moving Landscape Environmental Benefits that Redefine a Port's Role in the Region</p>	<p><b>Rhonda Price</b> Restoration of the Historic MV Sail Fish</p>	<p><b>Michael DiMeo</b> Tools for a Vibrant and Resilient Working Waterfront: A Harbormaster's Perspective</p>	<p><b>Linda D'Anna</b> Marine Energy, Communities, and Maritime Economies: Connecting Stakeholders in a New National center</p>
<p><b>Afton Vigue</b> Aquatourism as a Tool to Diversify Working Waterfronts: The Maine Oyster Trail Case Study</p>	<p><b>Heather Weitzner</b> Port of San Diego - EConcrete Coastal Blue Economy Pilot Project</p>	<p><b>Chad Strater</b> Small Footprint, Large Impact: The Effects of Working Waterfront on Coastal Communities</p>	<p><b>Rex Caffey</b> Projected Infrastructure, Revenue and Resource Losses to Louisiana Fisheries from the Hurricanes of 2020 and 2021</p>	<p><b>Margaret Pilaro</b> Blue Economy and Climate Resiliency Initiatives at the Port of San Diego</p>
<p><b>Story Reed</b> COVID Impact on Massachusetts Seafood Value and the Rebound in 2021</p>	<p><b>Richard Burroughs</b> The Town Docks of Narragansett Bay, Rhode Island</p>	<p><b>John Duff</b> Legal Turning Points Related to Boston's Waterfront Governance 1620s-1970s</p>	<p><b>Jaclyn Robidoux</b> Seaweed Aquaculture in Maine: A Decade of Innovation and Development on Maine's Working waterfront</p>	<p><b>Courtney Humphries</b> How do Coastal Protection Policies of the Past Impact Climate Adaptation?</p>
<p><b>Peter Halmay</b> <b>Steve Scheiblaue</b> Bringing Local Fish to the Community During the Pandemic</p>	<p><b>James Fawcett</b> <b>Michael Liffman</b> Taking the Mystery Out of Seaport Operations: Discussion I</p>		<p><b>Kimberly Starbuck</b> Port by Port: Profiles and Analysis of the Massachusetts Commercial Fishery</p>	<p><b>Erin Perry</b> Making the Case for Climate Action</p>

	<p><b>Keri Kaczor</b>  Pandemic Pivot: Innovation and Resilience in Maine's Seafood Community</p>	<p><b>Christopher Petrone</b>  Taking the Mystery Out of Seaport Operations: Discussion II</p>	<p><b>John Lucente</b>  Tourism Development and Promotion: Utilizing Shipwrecks, Coastal Tourism, and Maritime Heritage as Economic Development Tool</p>	<p><b>Rachel Bratton</b>  Understanding Shoreside Infrastructure Challenges in the Massachusetts Summertime Fluke Fishery</p>	<p><b>Leslie-Ann McGee</b>  ResilientWoodsHole: Demonstrating the Power of a Private-Public Blue Economy Village Partnership in Implementing Community Climate Resiliency Solutions</p>
2:40 p.m. - 3:10 p.m.	Refreshment Break, Visit Sponsor Displays				
3:10 p.m. - 4:50 p.m.	<b>CONCURRENT SESSION C</b>				
Location	Campus Center 3540	Campus Center 3545	Wheatley1-004	Wheatley 1-006	Wheatley 2-0200
	<p><b>C1 PANEL</b>  Greening the Blue Economy with Nature-Based Coastal Resilience</p>	<p><b>C2 PANEL</b>  Finding Balance, Co-Benefits and Productive Tension in New England's Heritage Working Waterfronts</p>	<p><b>C3 PANEL</b>  Maine's Working Waterfront Access Protection Program - Lessons in Innovation through Coastal Land Preservation for Tomorrow's Marine Economy</p>	<p><b>C4 ROUNDTABLE</b>  Sea Grant's Role in Offshore Wind Energy Development</p>	<p><b>C5 ROUNDTABLE</b>  Resilient Working Waterfronts II: Opportunities and Challenges in the Northeast and Beyond</p>
Moderator	<b>Gabriel Ciria</b>	<b>Zoë Mueller</b>	<b>Hugh Cowperthwaite</b>	<b>Gwendolyn Gallagher</b>	<b>Elisabeth Hamin Infield Karen Whelan-Berry</b>

	<b>Gabriel Cira</b> <b>Kannan</b> <b>Thiruvengadam</b> <b>Louiza Wise</b>	<b>Zoë Mueller</b> <b>Kevin Hively</b> <b>Matthew Litell</b> <b>Taskina Tareen</b> <b>Will Cohen</b>	<b>Hugh</b> <b>Cowperthwaite</b> <b>Deirdre Gilbert</b> <b>Melissa Britsch</b> <b>Laura Graham</b>	<b>Gwendolyn</b> <b>Gallagher</b> <b>Jennifer McCann</b> <b>Claire Hodson</b> <b>Katy Bland</b>	<b>Katherine Kahl</b> <b>Kirk Bosma</b> <b>Paul Kirshen</b>
6:00 p.m. - 9:00 p.m.	<b>EVENING WELCOME RECEPTION</b>				

<b>WEDNESDAY</b>		<b>JULY 20, 2022</b>			
7:45 a.m. - 5:00 p.m.	Registration Open @ Campus Center				
8:00 a.m. - 8:45 a.m.	Morning Refreshments				
8:45 a.m.- 10:00 a.m.	<p><i>Welcome Addresses</i></p> <hr/> <p><b>KEYNOTE:</b>  <b>Karyn Polito, Lieutenant Governor of Massachusetts</b></p>				
10:00 a.m. - 10:30 a.m.	Refreshment break, Visit sponsor displays				
10:30 a.m. - 12:00 p.m.	<b>CONCURRENT SESSION D</b>				
Location	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>

	<p align="center"><b>D1 PANEL</b></p> <p align="center">New England's Working Waterfronts – Adapting to Change</p>	<p align="center"><b>D2 PANEL</b></p> <p align="center">Working Waterfront Transitions: Lesson for Climate Adaptation from the Great Lakes</p>	<p align="center"><b>D3 PANEL</b></p> <p align="center">Direct Seafood Sales: Gaining an Understanding of Supply Chains and State Regulation</p>	<p align="center"><b>D4 PANEL</b></p> <p align="center">Updating Boston Harbor's Designated Port Areas for 21st Century Challenge</p>	<p align="center"><b>D5 ROUNDTABLE</b></p> <p align="center">Planning for the Future: the 2024-2027 National Sea Grant Strategic Plan</p>
Moderator	<b>Betsy Nicholson</b>	<b>Tim Wagner</b>	<b>Stephanie Otts</b>	<b>Jill Valdés Horwood</b>	<b>Joshua Brown</b>
	<b>Betsy Nicholson</b> <b>Kathleen Leyden</b> <b>Lisa Engler</b> <b>Jeff Willis</b> <b>Brian Thompson</b>	<b>Tim Wagner</b> <b>Adam Tindall-Schlicht</b> <b>Jenny Osburn</b> <b>Cory Mason</b>	<b>Stephanie Otts</b> <b>Joshua Stoll</b> <b>Amanda Gladics</b>	<b>Julie Wormser</b> <b>John Walkey</b> <b>Magdalena LaBattaglia</b>	<b>Joshua Brown</b> <b>Ana Sosa</b> <b>Chuck Weirich</b> <b>Mark Rath</b> <b>Elizabeth Rohring</b>
12:00 p.m. - 12:30 p.m.	Box Lunch Provided				
12:30 p.m. - 5:00 p.m.	Field Trips Boston Harbor Now Cruise Port Cruise Boston Fish Pier and Red's Best City of Quincy City of Chelsea Mass CEC Wind Technology Testing Center (Charlestown, MA)				
<b>THURSDAY</b>					
<b>July 21, 2022</b>					
7:45 a.m. - 3:30 p.m.	Registration Open @ Campus Center				
7:45 a.m. - 8:45 a.m.					

8:45 a.m. - 9:35 a.m.	<p><b>Welcome Addresses</b></p> <hr/> <p><b>KEYNOTE:</b> <b>Chellie Pingree, United States Representative</b></p>				
9:35 a.m. - 9:50 a.m.	Refreshment break, visit sponsor displays				
9:50 a.m. - 10:50 a.m..	<b>PLENARY: HOT TOPICS FOR NWWN: FINDING COMMON GROUND</b>				
11:00 a.m. - 12:30 p.m.	<b>CONCURRENT SESSION E</b>				
Location	Campus Center 3540	Campus Center 3545	Wheatley1-004	Wheatley 1-006	Wheatley 2-0200
	<p style="text-align: center;"><b>E1 ORAL PRESENTATIONS</b> Working Waterfront Development Combined with Resilience</p>	<p style="text-align: center;"><b>E2 ORAL PRESENTATIONS</b> Recreational Boating and Harbors</p>	<p style="text-align: center;"><b>E3 ORAL PRESENTATIONS</b> Working Waterfront Workforce Development</p>	<p style="text-align: center;"><b>E4 PANEL</b> How Do We define, Monitor, and Protect Working Waterfront Infrastructure and Access for Commercial Fishermen?</p>	<p style="text-align: center;"><b>E5 PANEL</b> How NOAA and its Partners Work Together to Support Working Waterfront Communities to Address the Changing Stressors on Working Waterfronts</p>
Moderator	<b>Jaime Doyle</b>	<b>Nicole Faghin</b>	<b>Jody Thompson</b>	<b>Monique Coombs</b>	<b>Colleen Roche</b>

	<p><b>Titus Seilheimer</b> If the Habitat isn't on the Map, Does it Exist? Unexpected Habitat Features in Lake Michigan's Developed Harbors</p>	<p><b>Niki Pace</b> Seeking Shelter from the Storm: Harbors of Refuge from Hurricanes and Tropical Storms in Louisiana</p>	<p><b>Jynessa Dutka-Gianelli</b> Unconventional Pathways Focusing on What Matters: A Co-Produced Seafood Internship Program</p>	<p><b>Monique Coombs</b> <b>Jessica Joyce</b> <b>Josee Stetich</b></p>	<p><b>Colleen Roche</b> <b>Tyler Soleau</b> <b>Becca Newhall</b> <b>Jennifer McCann</b> <b>Andrew Lipsky</b></p>
	<p><b>Kevin Hively</b> How the Hot Topics of the Planning World are Manifesting Themselves in Working Waterfronts</p>	<p><b>Chloe Schaefer</b> Estimating the Economic Impact of Cape Cod Harbors</p>	<p><b>April Turner</b> A South Carolina Sea Grant Consortium Initiated Partnership to Preserve Maritime Heritage and Plan for a Sustainable Future</p>		
	<p><b>Tom Shyka</b> NERACOOS: Delivering Data for the Working Waterfront</p>	<p><b>Bill Needelman</b> Dredging Piers, Wharfs, and Marinas in Portland Harbor: Making the Impossible Achievable</p>	<p><b>Mark Huang</b> <b>Katherine Woolford</b> Bluetech: What is it? Why Now? Where</p>		
	<p><b>Gerald Gast</b> Working Waterfront Transitions: Integrating Working Waterfront Protection with Environmental Preservation</p>	<p><b>Julia Noordyk</b> Advancing Green Infrastructure at Great Lakes Marinas</p>	<p><b>Randall Lyons</b> Workforce Issues within the Maritime Industry</p>		
12:30 p.m. - 1:40 p.m.	<p>Lunch Provided</p> <p>Morning Refreshments, <b>Poster Session (Begins at 12:30 p.m.)</b> <b>Location: Campus Center Ballroom 3550</b></p>				

	<p><b>Katy Bland</b>, Ocean Observing to Support the Northeastern Working Waterfront</p> <p><b>Leslie Nguyen</b>, Assessing Marine Industry Compliance in the Crabber-Towboat Agreement</p> <p><b>Shaelyn Patzer</b>,</p> <p>1. Renewable Energy and Working Waterfronts: Highlights from the U.S. Department of Energy's Energy Transitions Initiative Partnership Project</p> <p>2. Working for Wind: The Department of Energy's Offshore Wind Workforce Roadmap</p> <p><b>Madelyn Smith</b>, An Economic Development Strategy for Louisiana's Freshwater Seafood Industry</p> <p><b>Jody Thompson</b>, Stories from the Alabama Waterfront: Preserving the Oral Histories of Bayou La Batre</p>				
1:40 p.m. - 3:10 p.m.	<b>CONCURRENT SESSION F</b>				
Location	Campus Center 3540	Campus Center 3545	Wheatley1-004	Wheatley 1-006	Wheatley 2-0200
	<p><b>F1 PANEL</b> Our Blue Future: Toward a Decarbonized Seafood Supply Chain</p>	<p><b>F2 PANEL</b> The Young Fishermen's Development Act: Training Needs for the Next Generation</p>	<p><b>F3 PANEL</b> Leveraging Partnerships and Funding to Create Thriving Working Waterfronts for Traditional Maritime Industries and the Emerging Offshore Wind Industry in Massachusetts and the Region</p>	<p><b>F4 PANEL</b> Resiliency in Working Waterfront</p>	<p><b>F5 PANEL</b> Developing Synergies between Offshore Wind Energy and the Fishing Community: Reality of Myth?</p>
Moderator	<b>Sam Belknap</b>	<b>Natalie Springuel</b>	<b>Lisa Engler</b>	<b>Kathryn Glenn</b>	<b>Jennifer McCann</b>
	<b>Sam Belknap Ben Conniff Matt Tarpey Boe Marsh</b>	<b>Natalie Springuel Josh Brown Ben Martens Bryan Fluech Theresa Talley</b>	<b>Lisa Engler Bruce Carlisle Seth Latrell John Regan Nate Mayo</b>	<b>Aaron Clausen Ceaser Duarte Vito Giacalone Brad Washburn</b>	<b>Jennifer McCann Ivana Lukic Claire Hodson</b>

3:10 - 3:20 p.m.	Refreshment Break, Visit Sponsor Displays
3:20 p.m. - 3:35 p.m.	<b>CLOSING REMARKS</b>