



3rd NATIONAL WORKING WATERFRONTS & WATERWAYS SYMPOSIUM

March 25 – 28, 2013 • Tacoma, Washington • Hotel Murano

Sponsored by Washington and Oregon Sea Grant, with major support from the National Working Waterfront Network and the West Coast Governors Alliance

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About Sea Grant

Environmental stewardship, long-term economic development and responsible use of America's coastal, ocean and Great Lakes resources are at the heart of Sea Grant's mission. Sea Grant is a nationwide network (administered through the National Oceanic and Atmospheric Administration [NOAA]), of 32 university-based programs that work with coastal communities. The National Sea Grant College Program engages this network of the nation's top universities in conducting scientific research, education, training and extension projects designed to foster science-based decisions about the use and conservation of our aquatic resources.

Sea Grant is NOAA's primary university-based program in support of coastal resource use and conservation. Our research and outreach programs promote better understanding, conservation and use of America's coastal resources. In short, Sea Grant is "science serving America's coasts."

Conference Steering Committee members

Angie Fredrickson, Port of Seattle

Ann Avary, Executive Director, Center of Excellence for Marine Manufacturing & Technology, Skagit Valley College

Ann Beier, Director, Office of Healthy Working Rivers, Portland, Oregon

Bob Swett, Waterway Management Coordinator, Florida Sea Grant

Caitlin Cleaver, Policy Coordinator, Island Institute

Carrie Pomeroy, California Sea Grant and UCSC Institute of Marine Sciences

Catherine Schmitt, Communications Coordinator, Maine Sea Grant

Dan Hellin, Principal, Dan Hellin Consulting

Dave Hansen, Sea Grant Extension Program Leader, Oregon Sea Grant

Guy Hoppen, Founding Director, Gig Harbor BoatShop

Heather Mann, Director, Community Seafood Initiative

Heather Stebbings, Communications & Government Relations Manager, Pacific Northwest Waterways Association

Hugh Cowperthwaite, Fisheries Project Director, Coastal Enterprises, Inc.

Jack Wiggin, Director, Urban Harbors Institute

James Fawcett*, Program Chair, USC Sea Grant

Jamie Doyle*, Extension Marine Community Development Educator, Oregon Sea Grant Extension Service, Oregon State University

Johan Hellman, Assistant Director, Washington Public Ports Authority

Kenneth Walker, National Ocean Service, NOAA

Kristin Grant*, Marine Extension Associate, Maine Sea Grant

Kristin Rasmussen, Executive Director, Pacific Shellfish Institute

Lisa Debruyckere, Coordinator, West Coast Governors Alliance

Mark Breederland, Extension Educator, Northwest District, Michigan Sea Grant Extension

Megan Mackey, Fisheries Policy Associate, Ecotrust

Natalie Springuel*, Marine Extension Associate, Maine Sea Grant

Nick Battista, Marine Programs Director, Island Institute

Nicole Faghin, LEED AP *, Chair, Working Waterfronts and Waterways Symposium 2013; Coastal Management Specialist, Washington Sea Grant

Penny Dalton, Director, Washington Sea Grant

Pete Granger*, Sponsorship Chair, Washington Sea Grant, Marine Advisory Services, University of Washington

Peter Grenell, General Manager, San Mateo County Harbor District

Peter Philips, Philips Publishing, Publishers of *Fishermen's News* and *Pacific Maritime Magazine*

Peter Schrappen, Director of Government Affairs, Northwest Marine Trades Association

Stephanie Showalter Otts, Director, National Sea Grant Law Center

Su Dowie, Interim Executive Director, Foss Waterway Development Authority

Suzanna Stoike*, Field Trip Chair, West Coast Governors Alliance Sea Grant Fellow, Washington Department of Ecology

Thomas Murray*, Extension Program Leader and Associate Director of the Virginia Institute of Marine Science (VIMS), Virginia Sea Grant

* Core Committee

Welcome to the *Third National Working Waterfronts and Waterways Symposium!* We are thrilled to have you join us in Tacoma, Washington for this important national conversation. On behalf of the entire Steering Committee for the Symposium and the National Working Waterfront Network, we hope this conference offers you the opportunity to share information and plan for the future of our working waterfronts.

What is the National Working Waterfront Network?

The National Working Waterfront Network (NWWN) is a nationwide network of businesses, industry associations, nonprofits, local governments and communities, state and federal agencies, universities, Sea Grant programs, and individuals dedicated to supporting, preserving, and enhancing our nation's working waterfronts and waterways. For more information about the network see the website at: www.WaterAccessUS.com

Why Hold the Symposium in Tacoma, Washington?

In 2007 the First Working Waterfronts and Waterways Symposium took place in Norfolk, Va. Three years later, Portland, Maine hosted the Second Working Waterfronts and Waterways Symposium. In looking for a location for the third symposium, the executive committee of the Network evaluated options and recognized many of the previous conversations had centered on issues facing the East Coast, Great Lakes and Gulf Coast. What conversations and issues face working waterfronts on the West Coast? In order to open that dialogue the committee selected Tacoma, WA as a prime location to start that conversation. Tacoma has a vibrant port, a developing downtown, a shipbuilding industry, an active maritime economy and a robust community conversation looking to find a balance of competing interests to stimulate job growth, protect the environment and provide access for all types of users. Thus, in this one city we found a perfect example of the types of issues the Network wants to explore. NWWWS participants will find that downtown Tacoma is a great city for walking and waiting to be explored and a wonderful gateway to Puget Sound and the Northwest. We hope you enjoy your visit.

How Can You Make a Difference?

Unlike conferences or symposia designed to merely exchange information, the Network hopes not only to share and educate all those who participate, but also to engage participants in helping shape a national agenda. We hope to move forward the conversation about how to support communities throughout the United States (and elsewhere) addressing the ever-changing issues faced by working waterfronts. To that end, on the final day of the symposium, Thursday March 28, we start with a robust

discussion of these issues with representatives from the maritime and commercial fishing industry, the aquaculture industry, the recreational boating community and small waterfront communities. This will be followed by a working strategy session.

Looking back, it was at the 2010 Symposium that participants called for the creation of a National Working Waterfront Network. Now, 2013 Symposium participants will help define this new Network's priorities, including regional approaches for the West Coast, large and small working waterfronts finding common ground, policy, research and more. This is your opportunity to help set a national agenda.

Thanks to Those Who Made This Possible

We gratefully acknowledge the work of many dedicated individuals including members of the Symposium 2013 Steering Committee, and members of the Network Executive Committee for their tireless work designing and implementing this important event.

We also are grateful for the generous support of our sponsors representing the broad array of users and those interested in our waterfronts. Please review the list of our generous sponsors on the back page and express your thanks to these sponsors who are participating in the symposium. We also thank the University of Washington Conference Management team for their skillful assistance with registration, web hosting and logistical support.

Finally, thank you to all the individuals who are here to present and share information about their communities or areas of expertise. Your wealth of knowledge and experience enriches this symposium.

Welcome and enjoy your time in Tacoma!

Symposium Chair

Nicole Faghin, Washington Sea Grant

Symposium Core Planning Committee

Pete Granger, Washington Sea Grant, Sponsorship Chair

Suzanna Stoikey, West Coast Governors Alliance Sea Grant Fellow, Field Trip and Banquet Chair

Jamie Doyle, Oregon Sea Grant, Field Trip and Volunteer Chair

James Fawcett, University of Southern California Sea Grant/ USC Sol Price School of Public Policy, Program Chair



GENERAL INFORMATION

Symposium Registration Booth

The NWWWS Registration Booth is located in the Rotunda of the Bicentennial Pavilion. Staff will be available there to assist with participant check-ins, including speakers, moderators, exhibitors and sponsors, as well as to provide general symposium information.

Registration Hours

Monday, March 25 3 p.m. – 6 p.m.
Tuesday, March 26 7 a.m. – 4 p.m.
Wednesday, March 27 7 a.m. – 4 p.m.
Thursday, March 28 8 a.m. – 10 a.m.

Name Badges

Your name badge is your entrance ticket to all NWWWS sessions, breaks, meals and the Seafood Reception. Please wear your name badge at all times throughout the symposium. Badge holders can be reused, so please participate in our goal to have a more consciously “green” meeting, and drop yours off at the Registration Desk before you leave. Extra tickets may be included with your badge or packet of materials if you are attending optional events.

Symposium Sessions

Symposium sessions will be held in meeting rooms within the Pavilion as well as in the lower ballroom level of the Hotel Murano’s main building. Please refer to the hotel floor plans on the back of this program. Concurrent sessions run 90 minutes, and Plenary Sessions generally are also 90 minutes but our schedule overview shows specific start and end times. Please refer to the Schedule-at-a-Glance to confirm the time and location of specific presentations.

Presenters should arrive at assigned presentation rooms at least 10 minutes before the session start time to load files onto the laptop provided. A session host will be able to contact an audio-visual operator if assistance is needed.

Meals and Refreshments

Lunch is provided on Tuesday and Wednesday, and continental breakfast on all days: Tuesday, Wednesday and Thursday. Please note that the Seafood Reception on Wednesday is included for those who are registered for the full symposium, or who have registered for Wednesday only.

If you made a special meal request (vegetarian or other), please note that a special meal ticket for Wednesday’s lunch was included in your registration envelope. Please use this ticket to inform a lunch server of your meal request. On Wednesday, the lunch buffet will offer options to meet most dietary requirements.

The **Symposium Banquet** will be on Tuesday evening, and those who did not register for the banquet during their initial conference registration will have the opportunity to purchase tickets at the registration booth on Monday afternoon and Tuesday morning. Dinner on Wednesday is on your own; we encourage you to connect with colleagues to explore nearby dining options.

Beverages and snacks will be available during breaks.

Recycling

The hotel has receptacles for recycling of glass, aluminum, plastic and paper, which we encourage you to use. Thanks to an environmentally conscious staff at the Hotel Murano, they will turn food scraps into garden compost, by placing leftovers into special bins in their kitchen.

Cell Phones, Laptops and Internet Access

As a courtesy to fellow participants, please turn cell phones to silent and mute the sound on personal laptops. Please step out of a session if you need to make a call.

Complimentary internet access is available in all NWWWS meeting rooms as well as in the lobby and the Bite, the hotel restaurant. Hotel Murano guests may also access complimentary internet in guest rooms. Questions about how to log in and passwords required can be answered by hotel front desk staff persons, or NWWWS volunteers and conference planners. Staff or volunteer assistants can be identified by ribbons on their name badges.

Internet Access Code

Username: NWWWS
Password: 2013

Guests who will stay overnight at the hotel and want to access the web in their guestroom will get a different username and password when they check in at the front desk.

Important Phone Numbers

Hotel Murano: 253.238.8000
Registration Booth: 206.909.3781
Tacoma Visitors Bureau: 253.284.3254
Emergencies: Dial 911



FIELD TRIPS AND POST SYMPOSIUM EVENTS

Port of Tacoma Tour

Monday, March 25, 9:00 a.m. - Noon.

Cost: \$20.

Transportation provided.

Get a behind-the-scenes look at one of North America's largest container ports. Learn a bit of port history, view port operations, and learn about Tacoma's public access, habitat, and award-winning mitigation sites.

Tacoma Waterfront Walk

Monday, March 25, 3:30 p.m. - 6:00 p.m.

Approximately 1 mile round-trip, walking.

This tour will happen, rain or shine.

Cost: \$20.

Join us for an afternoon walk along the Tacoma waterfront to view the revitalization of the Foss Waterway from past industrial uses to mixed-use urban development. Tour guides from the City of Tacoma and Thea Foss Redevelopment Authority discuss how industrial uses and neighborhoods live side by side, and where conflicts occur and common ground can be found. Tour will conclude at The Social with hosted appetizers. Please bring raingear and walking shoes.

Port of Seattle including Fishermen's Terminal

Monday, March 25, 9:00 a.m. - 5:00 p.m.

Cost: \$30.

All transportation components and lunch provided.

Join a waterside and landside tour of the Port of Seattle. The waterside tour, provided by Argosy cruise lines, will highlight the Port's container, cruise, grain, and general purpose marine cargo terminals from Elliott Bay. Following the waterside tour, attendees will travel by bus to the historic Fishermen's Terminal for a guided tour and lunch. Port guides will discuss the Port's lines of business and the Port's Century Agenda goals related to environmental stewardship, economic growth, job creation, and preserving industrial uses of Seattle's waterfront. Tour starts and ends at Hotel Murano, Tacoma, with chartered bus transportation to Seattle.

Gig Harbor Tour

Monday, March 25, 9:00 a.m. - 3:00 p.m.

Cost: \$70

Lunch is not included in tour price; transportation is provided.

Travel by boat from Tacoma to Gig Harbor, where participants will look at past and present working waterfront uses and the balance between historical preservation and current needs. Visit the Skansie Netshed, Maritime Pier, the Eddon Boatyard, and the Harbor History Museum, and meet with the non-profit Gig Harbor Boatshop, the Coastal Heritage Alliance, and an active commercial fishing family. Includes stopping for lunch at the famous Tides Tavern along the waterway. Round-trip transportation provided from Hotel Murano to boat dock in Tacoma; boat transportation is included in cost.



NWWWS 2013 SPECIAL EVENTS

Monday, March 25

Film Screening, "Ocean Frontiers: The Dawn of a New Era in Ocean Stewardship"

UW Tacoma, Philip Hall, 1918 Pacific St.

6:45 p.m. — 9:00 p.m.

Free to Symposium Registrants. Doors close and film starts at 7:30 pm. Panel discussion at 8:30.

Panel Moderator: *Katrina Lassiter*, Department of Natural Resources

Panelists

Angie Fredrickson, Port of Seattle

Leesa Cobb, Port Orford Ocean Resource Team

Paul Dye, The Nature Conservancy

Jacque Hostler, Cher-Ae Heights Indian Community of the Trinidad Rancheria

Join us for a special Working Waterfronts and Waterways premiere of the highly acclaimed film, "Ocean Frontiers". Audiences across the country are raving about this film. Far from doom and gloom, "Ocean Frontiers" takes us on an inspiring voyage to seaports and watersheds across the country where we meet an intermingling of unlikely allies, of industrial shippers and whale biologists, pig farmers and wetland ecologists, sport and commercial fishermen, port operators, reef snorkelers and many more, all of them embarking on a new course of cooperation, to sustain the sea and our ocean economies. Includes reception, film and Q&A with a panel of experts to follow the screening.

Tuesday, March 26

Banquet Dinner

Foss Waterway Seaport Maritime Museum

6:30 p.m. — 9:00 p.m.

Transportation from Hotel Murano to Museum is provided. (Tickets may be purchased for \$25 with symposium registration. Extra guests \$40.)

Please join us for a very special evening at the newly renovated Foss Waterway Seaport Maritime Museum. The event is our opportunity to welcome you to the Symposium and Tacoma, and your opportunity to share and network with fellow Symposium guests over local Pacific Northwest cuisine and beverages. Themed around the maritime history of Tacoma, the evening includes a welcome blessing from the Puyallup tribe; a historical perspective of boat building and

maritime activity on Washington's waterfronts from local historian Michael Sullivan; and a debut performance of an original composition, "Song of the Tideflats" by local composer, Joshua Parmenter.

Enjoy a photographic display of "Waterfronts of the Pacific Northwest" and stroll around the museum's many interesting displays, including a visit to the boat building shop, to learn more about the art of shipwrighting. The event will close with a salty rendition from David Densmore, fisher poet.

Transportation to/from the banquet

Shuttles: Look for a large bus near the front door of Hotel Murano. Loading starts at 5:45 p.m. Shuttles to banquet run 6:00 – 6:45 p.m. Return trips to the Hotel Murano from the banquet load in the parking lot north of the museum, departing 8:30 PM running continuously until 9:30 p.m.

Walking: Turn left out of the Hotel entrance down to 11th street and turn right. Take the elevator on the Murray Morgan Bridge down to Dock Street. Head north (left as you look toward the water) and the Foss Waterway Seaport is on your right in approximately .3 miles. Total distance: approximately 1 mile.

Driving: Directions from Hotel Murano:

1. Head north on Broadway toward S 13th St
2. Take the 1st right onto S 13th St
3. Take the 3rd right onto A Ct
4. Continue onto E 15th St/Court A
5. Turn right onto Dock St

Destination will be on the right. The Foss Waterway Seaport is located at 705 Dock St, Tacoma, WA 98402. **Parking is available.**

Wednesday, March 27

Seafood Reception

Pavilion Rotunda, Hotel Murano

5:00 p.m. — 6:30 p.m.

Please join us and Murano Chef Matt Stickle for a wonderful sampling of Northwest and West Coast seafood and shellfish. You will sample oysters, clams, mussels, salmon, black cod, pink shrimp, and albacore tuna, supplied by local fishermen, processors and growers. No host bar available.



PLENARY SPEAKERS AND BIOGRAPHIES

Tuesday, March 26 Plenary Panel

Are We Ready? Hazard Resilience and What it Means for Working Waterfronts

Moderator: Ron Sims, Former Deputy Secretary of U.S. Housing and Urban Development

Appointed by President Obama and unanimously confirmed by the U.S. Senate, Ron Sims served as the Deputy Secretary for the U.S. Department of Housing and Urban Development from 2009 to 2011. As the second most senior official at HUD, Sims managed the day-to-day operations of an agency with 8,500 employees and an operating budget of nearly \$40 billion.

Prior to his appointment at HUD, Sims served for 12 years as the elected Executive of King County in Washington State, the 13th largest county in the nation with 1.8 million residents and 39 cities including the cities of Seattle, Bellevue and Redmond.

As County Executive, Sims was nationally recognized for his work on the integration of environmental, social equity and public health policies that produced groundbreaking work on climate change, health care reform, affordable housing, mass transit, environmental protection, land use, and equity and social justice.

Sims was appointed in 2011 by Washington State Governor Chris Gregoire to serve on the Board of Regents of Washington State University. The board of regents is the University's governing body. Sims was also appointed by Governor Gregoire to serve on the Puget Sound Leadership Council, a seven-member citizen group that governs the Puget Sound Partnership, a state agency coordinating with federal, state, local, tribal and private resources in restoring the ecological health of Washington state's largest estuary.

Panelists

Bill Needelman, AICP, Senior Planner, City of Portland, Maine

For the last 13 years, Bill Needelman has been a senior planner with the City of Portland, Maine. While with the City, he has worked with numerous waterfront-planning initiatives ranging from small development permits to neighborhood-scaled master plans. A significant percentage of Bill's municipal planning career has concentrated on balancing working waterfront preservation with the realities created by struggling marine economies on a largely privately owned waterfront. Signature projects in Bill's portfolio include the Eastern Waterfront Master Plan, infrastructure planning for Ocean Gateway international marine passenger terminal, redevelopment of the city-owned Maine State Pier, and recent mixed-use policy and zoning development for the Central Waterfront. Bill has a geology degree from Boston College and as a life-long Portlander, he and his family have deep roots in the City of Portland, its waterfront, and the islands of Casco Bay.

Eric Holdeman, Principal, Eric Holdeman & Associates

Eric Holdeman is the Principal for Eric Holdeman and Associates. His areas of expertise include building regional coalitions between agencies, governments, the private sector and nonprofits. Disaster planning, regional planning, port security operations, Emergency Operations Center (EOC) design and construction, multi-media public education programs, Joint Information Center (JIC) formation and operations, media relations, social media, meeting facilitation and integration of technology into emergency management and homeland security programs are just a few of the areas in which he has extensive experience.

Eric has authored numerous articles for professional journals and opinion pieces for local, regional and national newspapers. He is a writer for *Emergency Management magazine* where he contributes feature articles and also has a regular column, "Eric's Corner." He is an experienced and accomplished public speaker sought after to present at national and regional conferences. Eric blogs on emergency management and homeland security topics at www.disaster-zone.com which is nationally the most popular blog on emergency management.

Eric is a member and Past President of the Washington State Emergency Management Association (WSEMA). He is on the Advisory Council for the Center for Regional Disaster Resilience and the Pacific Northwest-Advanced National Seismic Safety Region Advisory Committee. Additionally, he serves on the Advisory Board for the University of Washington's Masters in Strategic Planning for Critical Infrastructures.

Steve Goldbeck, Chief Deputy Director, San Francisco Bay Conservation & Development Commission

Mr. Goldbeck is the Chief Deputy Director at the San Francisco Bay Conservation and Development Commission (BCDC). Mr. Goldbeck has 27 years experience at BCDC and has been overseeing the Commission's climate change and sea level rise response program for the last three years, including helping to prepare the coastal sector of the California State Adaptation Strategy. He served as the BCDC legislative coordinator for over a decade and was the Commission's lead staff member on dredging and sediment management issues for over 15 years.

Kevin Ranker, State Senator, Washington State

Senator Kevin Ranker possesses an extensive and diverse background developing and advancing public policy, community development strategies and conservation initiatives both in the United States and internationally. For several years he has focused his expertise on the advancement of coastal and ocean policy with a particular emphasis on the combination of coastal economic development, energy policy and conservation. As a Washington State Senator, Kevin has advanced key legislation focused on climate, energy, coastal and marine management, transportation, agriculture and equal rights. Legislative highlights include the sponsorship and co-sponsorship of comprehensive marine management, oil spill response and preparedness efforts and landmark legislation making Washington the seventh state to recognize full marriage equality. Previous to the Senate, Kevin served as a San Juan County Commissioner and was a Senior Fellow at the Ocean Foundation. In 2011, he received a White House appointment to serve as an Advisor to President Obama's National Ocean Council. He is also the current Vice President of PNWER (Pacific Northwest Economic Region), a partnership of ten states and Canadian provinces that works to increase economic well-being, coordinate energy, economic and environmental strategies and enhance the competitiveness of the region. He lives on Orcas Island with his wife and daughter while his son proudly serves in the U.S. Navy. Kevin is an avid runner, sailor, paddler, fisherman and surfer.

Wednesday, March 27 Plenary Panel

What is the National Working Waterfront Network?

Natalie Springuel, Maine Sea Grant

Natalie Springuel is a marine extension associate with the University of Maine Sea Grant College Program, based at College of the Atlantic in Bar Harbor. Springuel's extension programs address working waterfronts and coastal access, maritime heritage, and sustainable tourism planning. She was the coordinator of the second National Working Waterfronts Symposium (2010) in Portland, Maine, and is a co-founder of the National Working Waterfront Network. She has been active with Maine's Working Waterfront coalition since its inception, and is a lead author of the report "Access to the Waterfront, issues and solutions across the nation," and the website "Accessing The Maine Coast, Everything you wanted to know about rights and responsibilities of accessing the Coast of Maine."

Announcing a Sustainable Working Waterfront Toolkit, From Research to Implementation

Panel Moderator: Nick Battista, Marine Programs Director, Island Institute

Nick Battista is the Marine Programs Director at the Island Institute in Rockland, Maine. Nick oversees marine programs staff and Institute programming focused on working waterfront preservation; marketing and branding of ethically harvested groundfish, shrimp and lobsters; groundfish permit banking; building capacity of Maine fisheries organizations and businesses; fisheries mapping (Mapping Working Waters); offshore wind energy; and marine spatial planning. He works particularly closely with the Institute's policy director on shaping relevant state and federal fisheries policy developments.

A native Mainer and graduate of Colby College, Nick also holds a law degree from the Roger Williams University of Law in Bristol, Rhode Island and a master's degree in marine affairs from the University of Rhode Island in Kingston. He most recently served as legislative aide and field representative for marine, natural resources, energy, environment and taxes for Maine Congresswoman Chellie Pingree.

Panelists

Jack Wiggin, *Director, Urban Harbors Institute, University of Massachusetts Boston*

Jack Wiggin is the director of the Urban Harbors Institute at the University of Massachusetts Boston where he is responsible for development and management of the Institute's research agenda and technical assistance projects on port and urban waterfront planning and decision making and ocean and coastal policy and management. He has 30 years of experience in government, the private sector, and academia developing and implementing coastal and marine policy, planning and management strategies at the national, state, and local levels of government in the U.S. and abroad. He is an adjunct faculty member in the Environmental, Earth and Ocean Sciences Department teaching courses on planning and land use law. He serves on numerous coastal- and ocean-related advisory boards. He has a MS in Urban Studies and Planning and is a member of the American Institute of Certified Planners.

Bob Swett, *Coordinator, Florida Sea Grant Boating and Waterway Planning Program*

Dr. Bob Swett is an Associate Professor at the University of Florida and the Florida Sea Grant specialist on boating and waterway management issues within Florida's Cooperative Extension Service. His programmatic mission is to build a comprehensive extension and research program that fosters responsible use and management of Florida's waterways.

Lisa Ayers Lawrence, *Marine Education Program Leader, Virginia Sea Grant Marine Extension Program*

Lisa Ayers Lawrence is the Marine Education Program Leader for the Virginia Sea Grant Marine Extension Program at the Virginia Institute of Marine Science. Ms. Lawrence specializes in the development of educational resources to increase the coastal and ocean literacy of the K-12 community, seafood industry and consumers, and coastal and ocean stakeholders.

Stephanie Showalter Otts, *Director, National Sea Grant Law Center*

Stephanie Showalter Otts is the Director of the National Sea Grant Law Center and the Mississippi-Alabama Sea Grant Legal Program at the University of Mississippi School of Law. Stephanie received a B.A. in History from Penn State University and a joint J.D./Masters of Studies in Environmental Law from Vermont Law School. She is licensed to practice law in Pennsylvania and Mississippi. As Director, Stephanie oversees a variety of legal education, research, and outreach activities, including providing legal research services to Sea Grant constituents on ocean and coastal law issues. Her duties also include the supervision of law student research and writing projects and providing assistance to organizations and governmental agencies with interpretation of statutes, regulations and case law. Stephanie also holds an adjunct position at the University of Mississippi

School of Law teaching such courses as Ocean and Coastal Law, Natural Resources, and Wetlands Law and Regulation. Her research on natural resources, marine, and environmental law issues has been published in a variety of publications. Stephanie has conducted extensive research on marine and freshwater invasive species.

Hugh Cowperthwaite, *Fisheries Project Director, Coastal Enterprises, Inc.*

Hugh received a B.A. in Environmental Science & Policy Applied Ecology from the University of Southern Maine. Hugh's work with commercial fisheries began in high school working as a lobster boat sternman. At CEI, Hugh is responsible for CEI's Fisheries and Waterfront programs, which involve coordinating lending, business counseling and other technical assistance with commercial fishermen, shellfish growers and waterfront businesses that maintain commercial fishing access. He currently oversees a \$6.75 million state bond funded program called the Working Waterfront Access Protection Program. www.wwapp.org. Hugh currently serves on the Maine Technology Institute, Aquaculture and Marine Technology Board and was one of the founding members of the Maine Working Waterfront Coalition and the National Working Waterfront Network.

Kristen Grant, *Marine Extension Associate, Maine Sea Grant and University of Maine Cooperative Extension*

As Southern Maine Marine Extension Associate with Maine Sea Grant and University of Maine Cooperative Extension, Kristen has worked in that region of the state since 1999. The majority of Kristen's work focuses on the interactions between the people, the resources, and the ecosystems of the coast. Her work includes a range of activities to build the capacity of coastal communities to plan and adapt for their future, such as understanding erosion trends and planning for coastal hazards, addressing coastal access and waterfront development issues, and engaging community stakeholders. To this work, Kristen brings a Master of Science degree focused on Environmental Education, and has an extensive background in outreach education and community development.

Thursday, March 28 Plenary Panel

National Political Landscape: What Now?

Jeffery Gabriel, Legislative Counsel for the National Marine Manufacturers Association

Jeffrey S. Gabriel, Jr., is Legislative Counsel for the National Marine Manufacturers Association (NMMA), the nation's leading recreational marine industry trade association. He returned to NMMA in March 2009 to add an additional hand to the association during a time of great economic crisis and upheaval, particularly for the boating industry. After nearly two decades as a government relations professional he has gained a valuable perspective on the nature and process of our federal system of government, and how it affects the lives of citizens on a daily basis. Over the course of Jeff's career he has worked at a high capacity on Capitol Hill as well as in the private sector. He has worked as a close advisor to former Senator Arlen Specter (R-PA) in the mid-1990s and as Legislative Director for former Congressman Chris Carney (D-PA-10). In his present capacity as Legislative Counsel for the National Marine Manufacturers Association, Jeff manages a very active portfolio of issues that includes manufacturing, transportation, energy, environment and trade policy. Jeff received his Bachelor of Arts in Political Science from La Salle University; a Master of Arts in International Affairs from the George Washington University; and a Juris Doctor from George Mason University. He is a member of the District of Columbia Bar.

Kyle Molton, Field Representative for Congresswoman Chellie Pingree

Kyle Molton is a Field Representative for Congresswoman Chellie Pingree, based in Portland, Maine. Kyle works closely with Maine's coastal communities, particularly on issues surrounding working waterfronts, fisheries, agriculture, conservation and environmental regulations. He previously worked on legislative issues in Washington, D.C., while serving as a Knauss Marine Policy Fellow, including work on the Keep America's Waterfronts Working Act of 2011, which was introduced by Congresswoman Pingree in the 112th Congress.

Kyle studied marine science and fisheries at the University of Maine and holds a master's degree in Fisheries and Wildlife from Michigan State University. He has studied and worked on natural resources issues in the Gulf of Mexico, the Great Lakes, the Pacific Northwest, and of course, his native state of Maine.

Challenges of Working Waterfronts Nationwide

Moderator: *Richard Vortmann, National Sea Grant Advisory Board, former President National Steel and Shipbuilding Company*

Richard H. Vortmann retired after a 30-year career with National Steel and Shipbuilding Company (NASSCO) based in San Diego, California (a 5,000 employee, \$1 billion company) where he served as President for 22 years. He also retired after six years as Vice President of General Dynamics Corporation. He most recently completed an assignment as Interim President and CEO of the San Diego Regional Chamber of Commerce.

Vortmann recently completed a seven-year term on the Board (including two years as Chairman) of Scripps Health, a \$2 billion San Diego hospital system; Vortmann is a member of the Dept. of Commerce Sea Grant College Advisory Board, and a Member of Council, American Bureau of Shipping. Previously, Vortmann served as Chairman of both the American Shipbuilders Association and the Shipbuilders Council of America, and Vice Chairman of the National Academies of Science Marine Board.

Vortmann was born in San Francisco, California. He earned a Bachelor's degree in finance in 1966 and an MBA in 1967 from the University of California, Berkeley, where he also played basketball. He taught on the Business School faculty of his alma mater from 1967 to 1969 while doing postgraduate work before entering private industry.

Panelists

Peter Philips, President, Philips Publishing Group

Peter is president of Philips Publishing Group, publishers of trade and consumer magazines for the maritime, fishing and tourism industries. Titles in the Trade Group include *Pacific Maritime Magazine*, aimed at West Coast commercial vessel and terminal operators; *The Fishermen's News*, the oldest commercial fishing publication on the Pacific Coast; and *Foghorn*, the official publication of the national Passenger Vessel Association. Peter currently serves as president of the Seattle Marine Business Coalition, which represents the interests of Seattle marine industrial land users, and is a past president of the Port of Seattle Chapter of the National Propeller Club, and past president of the French American Chamber of Commerce.

Peter is a fourth generation Seattleite with a Bachelor of Arts in History from Whitman College, and has been employed in the publishing field since 1985. He is married to Denise with a daughter, Camille.

Ryck Lydecker, Assistant Vice President for Government Affairs, Boat Owners Association of the United States (BOATUS)

Ryck Lydecker is Assistant Vice President for Government Affairs for BOATUS, the nation's largest recreational boater organization (520,000 members) and Associate Editor of *BoatU.S. Magazine*. He has represented recreational boating on the Sport Fishing and Boating Partnership Council (U.S. Dept of the Interior) since 2000 and also serves on the Atlantic Intracoastal Waterway Association Board of Directors. He is a member of the National Sea Scouting Committee, the external advisory committee of Virginia Sea Grant and has held positions in public affairs with the University of Minnesota Sea Grant Program and NOAA.

Bill Dewey, Manager of Public Policy and Communications, Taylor Shellfish

Bill Dewey has worked for over 30 years as a shellfish farmer in Washington State. He is Manager of Public Policy and Communications for Taylor Shellfish Farms the largest producer of farmed shellfish in the country, and owns and operates his own manila clam farm in Samish Bay. Bill has taken an active role throughout his career on public policy matters affecting the shellfish farming community.

Rob Snyder, President-Elect, Island Institute, Maine

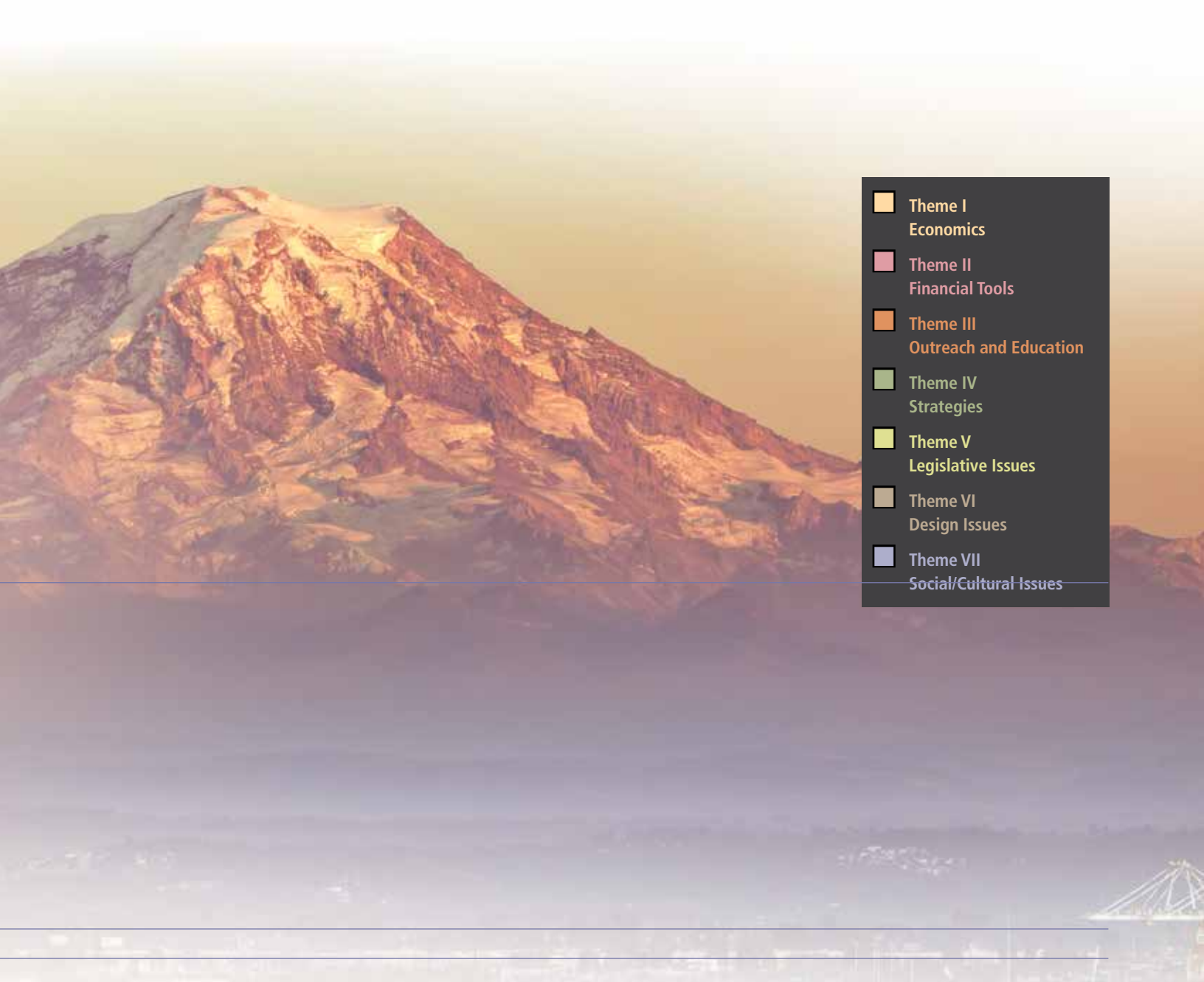
Rob is responsible for working with island and remote coastal leaders to identify innovative approaches to community sustainability. In addition, he works with the Institute's energy, fisheries, education, community service, publications, and economic development staff to structure responses to emerging challenges faced by these communities along the coast. Rob's background is in cultural anthropology, and his research focuses on informal science education, science technology and society, and the cultural politics of natural resource management. He has conducted research on these topics in Maine; the Rocky Mountain states; Quepos, Costa Rica; and Yunnan, China.



PROGRAM AT A GLANCE

Day 1
Tuesday, March 26

7:00	Continental Breakfast Room AGD		
8:00	Introductions Room AGD Penny Dalton, Director, Washington Sea Grant Stephen Brandt, Director, Oregon Sea Grant Mayor Marilyn Strickland, City of Tacoma Don Meyers, Port of Tacoma Commissioner Debra Friedman, University of Washington-Tacoma Chancellor Derek Kilmer, U.S. Congressman		
9:00	Plenary Session Room AGD Are We Ready? Hazard Resilience and What it Means for Working Waterfronts Moderator: Ron Sims, Former Deputy Secretary of U.S. Housing and Urban Development Panel Members Eric Holdeman, Principle, Eric Holdeman and Associates Bill Needelman, Planner, City of Portland, Maine Steve Goldbeck, Chief Deputy Director, San Francisco Bay Conservation & Development Commission Kevin Ranker, Washington State Senator		
10:00	Refreshment Break		
10:15	Breakout Sessions		
	Room 1 (Pavillion BC)	Room 2 (Pavillion EF)	Room 3 (Venice 1)
	A1 International Perspectives on Preserving Working Waterfronts Infrastructure	A2 The Impacts of Shipyards on Local Economies	A3 Creative Materials and Design for the Working Waterfront
12:00	Lunch: Buffet in Room AGD		
1:45 p.m.	B1 Making Working Waterfront Festivals Work: Successful Case Studies	B2 Using Regional Economic Tools to Grow Waterfront Industries	B3 Integrating Public Access and Habitat into the Design of Working Waterfronts
3:30 p.m.	C1 Making Connections: Linking People through and to the Working Waterfront	C2 Recreational Fishing as Economic Driver	C3 Marine Spatial Planning and Working Waterfronts
6:30 - 9:30 p.m.	Banquet at Foss Maritime Museum (bus shuttles will run from 6:00 - 6:45 p.m. from Hotel Murano to the FWS Maritime Museum; shuttles return from banquet to hotel from 8:45 - 9:30 p.m.)		



- Theme I
Economics
- Theme II
Financial Tools
- Theme III
Outreach and Education
- Theme IV
Strategies
- Theme V
Legislative Issues
- Theme VI
Design Issues
- Theme VII
Social/Cultural Issues

Room 4 (Venice 2)	Room 5 (Venice 3)	Room 6 (Venice 4)	Room 7: AG
<p>A4 Getting Practical: Sociocultural Dimensions of and Considerations for Working Waterfronts</p>	<p>A5 Balancing Tacoma Waterfront Uses: Living, Working and Cultural-Educational Perspectives</p>	<p>A6 Coastal Smart Growth Approaches for Working Waterfronts Preservation, Implementing Locally-Based Strategies and Solutions</p>	
<p>B4 Oral History Session 1: Applying Insights Collected Through Oral Histories for Resource Management and Planning Decisions</p>	<p>B5 Financing Tools for Working Waterfront</p>	<p>B6 Sustaining a Small Community-Working Waterfront: Planning, Cultural, Economic, Advocacy (Gig Harbor, WA)</p>	
<p>C4 Oral History Session 2: Using Oral Histories to Educate and Engage Communities about the Working Waterfront</p>	<p>C5 Government Funding Programs</p>	<p>C6 Strategies for Balancing Conflicts</p>	

Day 2

Wednesday, March 27

7:00	Continental Breakfast Room AGD		
8:00	Plenary Session Room AGD What is the National Working Waterfront Network? Natalie Springuel, Maine Sea Grant and NWWN Co-Chair Announcing a Sustainable Working Waterfront Toolkit, From Research to Implementation Panel Moderator: Nick Battista, Marine Programs Director, Island Institute Panel Members Jack Wiggin, Director, Urban Harbors Institute, University of Massachusetts Boston Working Waterfront Drivers of Change and Trends Bob Swett, Coordinator, Florida Sea Grant Boating and Waterway Planning Program The Economic Impact of Working Waterfronts around the Nation <i>continued on page 13</i>		
10:00	Refreshment Break		
10:15	Breakout Sessions		
	Room 4 (Pavillion BC)	Room 2 (Pavillion EF)	Room 3 (Venice 1)
	D1 Strategies for Recreational and Commercial Fishing	D2 Coastal Program — Sea Grant Collaborations in Working Waterfronts Retention – A Case Study on Successful Research and Extension in the Chesapeake Bay	D3 State and Federal Update Panel
12:00	Lunch: Dean Lisa Graumlich, University of Washington, College of the Environment – Welcome Remarks Port of Seattle Commissioner Bill Bryant, Introduction of US Senator Patty Murray, Keynote Address		
1:45 p.m.	E1 Healthy Local Seafood and Vibrant Working Waterfronts — Opportunities from Commercial Aquaculture	E2 Communities, Ecosystems, and Waterfronts: The Two-Way Communication of Environmental Goals, Strategies, and Science	E3 NOAA Fisheries and the Coast: Exploring Opportunities for a National Working Waterfronts Policy
3:30 p.m.	F1 Role of US Economic Development Administration	F2 Coalition Building — Strategies for Engaging the Public in Working Waterfronts	F3 Regional Land Use Strategies, Regional Ocean Partnerships: Striking a Balance of Uses for Working Waterfronts
6:30 - 9:30 p.m.	Seafood Reception at Murano Hotel		

Day 3

Thursday, March 28

7:15	Continental Breakfast Room AGD
8:00	Introduction to National Working Waterfront Strategy Session Nicole Faghin, Washington Sea Grant and Symposium Co-Chair Highlights of the Day Natalie Springuel, Maine Sea Grant and NWWN Co-Chair Developing a National Strategy Together Plenary Session National Political Landscape: What Now? Kyle Molten, Field Representative for Congresswoman Chellie Pingree, Jeffrey Gabriel, Legislative Counsel for the National Marine Manufacturers Association Panel: Challenges of Working Waterfronts Nationwide Moderator Dick Vortmann, National Sea Grant Advisory Board, and former President, National Steel and Shipbuilding Company

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Lisa Ayers Lawrence, Marine Education Program Leader, Virginia Sea Grant Marine Extension Program
The Working Waterfront Toolkit and Online Community

Stephanie Showalter Otts, Director, National Sea Grant Law Center, and NWWN Co-Chair
Using the Law to Address Working Waterfront Challenges: Statutory, Regulatory, and Policy Tools

Hugh Cowperthwaite, Fisheries Project Director, Coastal Enterprises, Inc.
An Inventory of Financial Tools for Working Waterfronts

Kristen Grant, Marine Extension Associate, Maine Sea Grant and University of Maine Cooperative Extension
Tools in Action: 21 (and counting) Working Waterfront Success Stories

Stephanie Showalter Otts
Where Do We Go From Here? - Key Findings and Recommendations

- Theme I
Economics
- Theme II
Financial Tools
- Theme III
Outreach and Education
- Theme IV
Strategies
- Theme V
Legislative Issues
- Theme VI
Design Issues
- Theme VII
Social/Cultural Issues

Room 4 (Venice 2)	Room 5 (Venice 3)	Room 6 (Venice 4)	Room 7: AG
D4 Strategies for Preserving Industrial Waterfronts in West Coast Port Cities	D5 Facing the Future: Waterfront Development Challenges in a Changing Climate	D6 State, Local and University Partnerships Stem the Tide Eroding Floridians' Waterfront Access	
E4 Working Waterfronts and Regulatory Constraints: A Collaborative Approach	E5 The Maritime Heritage of Working Waterfronts: Where Culture, History, and Economics Meet	E6 Seafood Industry Financial Tools, Community Fisheries Network	Tools Café Interactive Round Table Discussion
F4 Small, Medium and Large Working Waterfronts — Establishing Value and Protecting from Encroachment	F5 Telling the Story of Our Working Waterfront Communities	F6 Sustainable Seafood & Working Waterfronts	

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8:00

Panel Members

Ryck Lydecker, BoatsU.S., assistant vice president, government affairs; representing recreational boating industry
 Peter Philips, Philips Publishing Group, representing the maritime industrial and commercial fishing industry
 Bill Dewey, Taylor Shellfish Farms, representing shellfish industry
 Rob Snyder, Island Institute, representing small communities

10:15

Refreshment Break

10:30

Strategy Session

Setting a National Working Waterfronts Agenda, A Strategy Session for all Symposium Participants

At the 2010 Symposium, participants called for the creation of a National Working Waterfront Network. The 2013 Symposium participants will help define this new Network's priorities, including regional approaches for the West Coast, large and small working waterfronts finding common ground, policy, research and more.



PROGRAM DETAILS

Tuesday, March 26, 10:15 a.m.

Concurrent Sessions A

Session A1

International Perspectives on Preserving Waterfront Communities and Infrastructure

Room 1 (Pavillion BC)

Theme III: Outreach and Education

Moderator: *Dr. Anne Wessells, Urban Studies Program, UW Tacoma*

Speakers

Stacia Miller, Environmental Engagement Consultant, Federal Way, WA

Involving the Community in a Changing Coastline: An English Case Study

The Medmerry paper and presentation will share information with conference participants about how to engage local communities about sea-level rise and adaptation. This case study will demonstrate how public involvement is designed, evaluated, revised and implemented to achieve tangible results on the ground and at the waterfront.

Byung-Gui Lee, Jeju Sea Grant Program, Republic of Korea

New Village Development Plan for International Yacht School, South Korea

Jeju Sea Grant Program (JSG, Republic of Korea) established the Jeju International Yacht School last year, with the support of local villages and local government. To build the school, JSG hired yacht-education specialized coaches and initiated several yacht education courses.

Peter Hall, Simon Fraser University, Vancouver, BC
Reclaiming the New Westminster Waterfront

Waterfront work has changed, but it has not gone away. This presentation reports on a partnership project in New Westminster (Canada) exploring what values communities place on the Fraser River waterfront as a place of work. This paper is co-authored with Pamela Stern (Simon Fraser University).

Anne Wessells, University of Washington, Tacoma
Assembling the Tacoma Waterfront

This presentation examines the narrative logic engaged by a range of political actors seeking to influence the Shoreline Master Program (SMP) update in Tacoma, and the land-use outcomes that they privilege on the waterfront. Drawing on participant observation in the field, as well as textual analysis of planning documents, meeting minutes, and public comments, the research examines the political power of narrative in the construction of place.

Session A2

The Impact of Shipyards on Local Economies

Room 2 (Pavillion EF)

Theme I: Economics

Moderator: *Andy Bennett, KPFF Consulting*

Panelists

Brian Mannion, Vigor Industrial

Hobie Stebbins III, Lake Union Drydock

Brian Thomas, Kvichak Marine Industries

A panel of experts on shipyard operations and economics will discuss the economic benefits that both construction and repair yards bring to their local communities as well as the challenges they face, particularly in urban environments. Shipyards are a critical element in the maritime industry, building and maintaining the fleets of commercial and government vessels, which are important to our national economy and security. At the local level, they provide good family-wage jobs for their own employees and support a variety of second- and third-tier contractors who provide specialty goods and services.

Session A3

Creative Materials and Design for Working Waterfronts

Room 3 (Venice 1)

Theme VI: Design

Moderator: *Patty Snow, Oregon Coastal Management Program*

Speakers

Ken Fellows, GeoEngineers, Inc

Derelict Creosote Piles and Structures: Problem or Opportunity?

This presentation will address the social and cultural aspects of derelict creosote structures, including public perceptions (pro and con), environmental impacts, regulatory incentives for keeping and/or removing structures and regulatory programs.

Sarah Garcia, Harbor Planning, City of Gloucester, MA

The Gloucester HarborWalk: An Authentic Expression of Place in the Working Waterfront

The Gloucester HarborWalk is a unique expression of community, weaving its way in and along the waterfront and the historic downtown, telling the stories of the community, the history, the art, the culture, the fishery and the heritage. The “Walk” makes visible this historic and complex city in ways that accommodate and promote both current and future maritime industry. Innovative technological approaches to wayfinding and telling the community story allow a system of story moments with a deeply traditional and nonintrusive look and feel, while linked throughout to digital media systems creating access to layers of archival clips of history — visual, spoken, and played — and to walking interactive cinema options.

Scott Steltzner, Squaxin Tribe

Using Lessons from Commencement Bay’s St. Paul Waterway to Restore Shelton Harbor

This presentation will focus on the use of creative tools to address conflicting land uses; new and innovative designs for waterfront access; combining sediment clean-up and habitat restoration as an efficient strategy to achieve multi-faceted environmental benefits in a timely, cost effective manner. If the strategy were applied more broadly around Puget Sound, working waterfronts could make a much more substantial contribution to biological recovery.

Jeff Cordell, Aquatic and Fishery Sciences, University of Washington

Habitat Enhancements in Seawalls – Seattle Seawall as a Case Study

Seawalls are poor habitat for aquatic organisms, but adding features such as slope and texture may improve them. We tested this on the seawall in Seattle, Washington and found that engineered complexity benefits some organisms and may help alleviate declines in biodiversity associated with urban shorelines.

Session A4

Getting Practical: Sociocultural Dimensions of and Considerations for Working Waterfronts

Room 4 (Venice 2)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Carrie Pomeroy, CA Sea Grant/UCSC Institute of Marine Sciences*

Panelists

Madeleine Hall-Arber, MIT Sea Grant

Erin Wilson and Flaxen Conway, Oregon State University

Steve Scheiblaue, City of Monterey Harbor

Henry Pontarelli, Lisa Wise Consulting, Inc.

Pete Halmay, Commercial Sea Urchin Diver, San Diego, CA

Rick Algert, City of Morro Bay Harbor, retired

This session will provide and generate insights into the diverse sociocultural dimensions of the working waterfront, focusing on the commercial fishing community. Participants will exchange knowledge, experience and ideas about the challenges and opportunities facing such communities, and how human dimensions information can support efforts to address both.

Session A5

Balancing Tacoma Waterfront Uses: Living, Working and Cultural-Educational Perspectives

Room 5 (Venice 3)

Theme IV: Strategies

Moderator: *Chuck Fowler, Northwest Nautix*

Panelists

Don Meyer, Former Executive Director, Foss Waterway Development Authority, and Port of Tacoma Commissioner

Joe Martinac, Jr., President, J. M. Martinac Shipbuilding Corporation

Tom Cashman, Former Executive Director of the Foss Waterway Seaport

Steve Atkinson, Shoreline Planner, City of Tacoma

Panelists will present the creative ways the Foss Waterway Development Authority, J.M. Martinac Shipbuilding and the Foss Waterway Seaport (Working Waterfront Maritime Museum) and other waterfront organizations have partnered to reduce and resolve land use conflicts on the waterway. They will also discuss how these approaches can be applied to similar working waterfront and waterways projects and answer audience participant questions.

Session A6

Coastal Smart Growth Approaches for Working Waterfronts Preservation: Implementing Locally Based Strategies and Solutions

Room 6 (Venice 4)

Theme IV: Strategies

Moderator: *Kenneth Walker, NOAA/Ocean Coastal Resource Management*

Panelists

Bill Needelman, City of Portland, Maine

Lydia Bennett, Port of Bellingham, WA

Niki Pace, Mississippi–Alabama Sea Grant Legal Program

The learning objective of this session is to (1) introduce the connections between coastal smart growth and working waterfront issues and (2) highlight case studies of communities which are implementing smart growth approaches to protect and enhance working waterfronts.

Tuesday, March 26, 1:45 p.m.

Concurrent Sessions B

Session B1

Making Working Waterfront Festivals Work: Successful Case Studies

Room 1 (Pavillion BC)

Theme III: Outreach and Education

Moderator: *Chuck Fowler, Pacific Northwest Maritime Heritage Council*

Panelists

Ken Saunderson, Seattle Maritime Festival

Clare Petrich, Tacoma Maritime Fest

Chuck Fowler, Olympia Harbor Days Tugboat Festival

This session will present practical, successful festival approaches to engaging and sustaining public involvement in working waterfront and public access support activities in Seattle, Tacoma and Olympia. Also, this session will offer specific examples of how these Puget Sound waterfront festivals can (1) provide information to the public and decision-makers and (2) encourage their involvement in ongoing and new waterfront revitalization initiatives.

Session B2

Using Regional Economic Tools to Grow Waterfront Industries

Room 2 (Pavillion EF)

Theme I: Economics

Moderator: *Morgan Shook, BERK Consulting*

Panelists

Sarah Lee, Puget Sound Regional Council, Seattle, WA

Ellen Johnck, Bay Area Maritime Strategy, San Francisco, CA

Sarah Garcia, Gloucester, MA

Kapena Pflum, BERK Consulting

Regional economic studies (i.e., cluster studies) can provide analytic information and business insight on the marine sector. These studies can “connect the dots” among businesses, support services, education, economic development and workforce agencies and others operating within the marine and waterfront-oriented industries. The purpose of this session will be to illustrate how these studies can provide a current and comprehensive picture of an industry (i.e., marine or waterfront), its subsectors and relationships to and among other manufacturing and industrial sectors. On the basis of this analytic foundation, we will show how priorities, key challenges and gaps in the industry of focus can be identified as impediments to growth.

Session B3

Integrating Public Access and Habitat into the Design of Working Waterfronts

Room 3 (Venice 1)

Theme VI: Design

Moderator: *Shannon Kinsella, Reid Middleton*

Panelists

Shannon Kinsella, Reid Middleton

Willy Ahn, Reid Middleton

Jim Brennan, JA Brennan

Joe Callaghan, GeoEngineers

This interdisciplinary panel will explain how incorporating ecosystem service valuation into planning — regarding management of waterfront and waterways — can have major social, environmental and economic benefits for stakeholders. The panel will provide an overview of this creative process and then open the session to questions and discussion.

Session B4

Oral History Session 1: Applying Insights Collected Through Oral Histories for Resource Management and Planning Decisions

Room 4 (Venice 2)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Patricia M. Clay, NOAA Fisheries*

Oral histories provide insights into the work experiences, values and worldviews of individuals involved in all aspects of working waterfronts. Analysis of these narratives provides insights into the social and cultural life of the working waterfront. This can contribute to informed decision making about working waterfronts management and development. This is one of two sessions focusing on Oral Histories.

Susan Abbott-Jamieson, Abbott-Jamieson Consulting, Ltd.

Ethnic Patterns of Disaster Vulnerability and Resilience on the Gulf of Mexico

Patricia M. Clay and Lisa L. Colburn, NOAA Fisheries

Understanding Impacts on Fishermen and their Families from New England Catch Shares

Melissa Stevens, Fisheries Research

From the Outside Looking In: Applying Oral Histories to Fisheries Research and Outreach

Session B5

Financing Tools for Working Waterfronts

Room 5 (Venice 3)

Theme II: Financing Tools

Moderator: *Ann Avary, Marine Manufacturing and Technology Center of Excellence*

Speakers

David Hull, California Maritime Infrastructure Authority

Financing Port and Marine Infrastructure: “Tomorrow’s Ideas for Today”

The California Maritime Infrastructure Authority (CMIA) is a joint powers authority formed by the California Maritime Infrastructure Bank (CMIB) that has been providing one-stop financial services for California’s member ports and harbor agencies since 1995. The CMIA can issue debt, establish and administer infrastructure funds, receive or administer public and private grants and expend tax revenues, appropriated funds and other financings on behalf of its members.

Mark Breederland, Michigan Sea Grant

Infrastructure and Maintenance in Great Lakes

Working Waterfronts: Broken Funding Mechanisms and Community Impacts

This presentation will detail impacts to Great Lakes coastal working waterfront communities if structures are not fixed, discuss federal and state/local funding mechanisms and challenges and suggest both short-term and long-term strategies in managing for resilient coastal communities and economies.

Kristen Grant, Maine Sea Grant

Working Waterfront Preservation: Opportunities and Challenges Posed by Tax Policy

This presentation will explore the application of tax strategies to improve economic conditions for working waterfronts, as well as the potential to apply new tax approaches toward that goal.

Professor Thomas Ankersen, Director, University of Florida Levin College of Law’s Conservation Clinic

The Tiff over TIF: Using Tax Increment Financing to Protect Working Waterfronts

This presentation will seek to clarify whether local governments on working waterfronts can use Tax Increment Financing to make on-water improvements and create TIF districts without finding that an area is “blighted” in order to further develop the community.

Session B6

Sustaining A Small Community-Working Waterfront: Planning, Cultural, Economic, Advocacy (Gig Harbor, WA)

Room 6 (Venice 4)

Theme IV: Strategies

Moderator: *Guy Hoppen, Gig Harbor BoatShop*

Panelists

Guy Hoppen, Gig Harbor BoatShop Director, Commercial Fisherman

Lita Dawn Stanton, Historic Preservation Officer, City of Gig Harbor

Peter Knutson, Seattle Central Community College, professor and commercial fisherman

Peter Katich, City of Gig Harbor

Working waterfronts are being erased nationwide. The proposed panel will concentrate on one working waterfront’s struggle to exist: the successes and problems in Gig Harbor.

Tuesday, March 26, 3:30 p.m.

Concurrent Sessions C

Session C1

Making Connections: Linking People Through and to the Working Waterfront

Room 1 (Pavillion BC)

Theme III: Outreach and Education

Moderator: *Kaety Hildenbrand, Oregon Sea Grant*

Panelists

Kaety Hildenbrand, Oregon Sea Grant

Mark Farley, Oregon Sea Grant

Flaxen Conway, Oregon State University

Dan Blick, Phondini Partners

This panel will discuss development of working waterfront networks, applied research and extension to local and regional communities to deal with waterfront use conflicts and working waterfront retention.

Session C2

Recreational Fishing as Economic Driver

Room 2 (Pavillion EF)

Theme I: Economics

Moderator: *Ann Beier, City of Portland*

Speakers

Jerry Leonard, NOAA NMFS Southwest Fishery Science Center (Note: This speaker is delivering two presentations)

Development Preferences among Recreationists in Small West Coast Communities

This presentation uses preliminary results of a survey of seven communities on the West Coast to examine how recreation participants differ in their development preferences. The communities are Blaine, Bodega Bay, Brookings, Crescent City, Moss Landing, Newport and Westport.

The Marine Charter Vessel Industry in Washington and Oregon

This presentation utilizes the results of a Washington and Oregon marine charter survey to characterize the charter fleet, estimate its economic contribution and examine the existing economic conditions it faces.

Joe Lucente, Ohio State University Sea Grant College Program

The Economic Impact of Ohio's Lake Erie Sport Fishing Industry

This presentation covers a comprehensive business survey of Ohio charter captains that was conducted during 2010-2011. The survey was used to build upon past research for this extremely important part of northern Ohio's tourism industry.

Session C3

Marine Spatial Planning and Working Waterfronts

Room 3 (Venice 1)

Theme V: Legislative Issues

Moderator: *Nick Battista, Island Institute, Maine*

Panelists

Jennifer Hennesey, Washington State Department of Natural Resources

Katrina Lassiter, Washington State Department of Natural Resources

Anna Zivian, Ocean Conservancy

Richard Nelson, Lobsterman Friendship Maine

Paul Dye, The Nature Conservancy

Jennifer McCann, Coastal Resources Center and Rhode Island Sea Grant College Program

Jacque Hostler, Cher-Ae Heights Indian Community of the Trinidad Rancheria

Questions will be posed by:

Max Gordon, Ele Watts, and Seth McKinney, graduate students studying Marine Affairs at the University of Washington Olympic Natural Resources Center

Marine spatial planning is currently a very active topic of discussion in some regions (particularly the West Coast and New England) and these conversations involve or impact most working waterfront uses. This panel will seek to draw a connection between work that is happening with marine spatial planning (MSP) and working waterfronts through asking panelists from different backgrounds to (a) provide an update about what is happening with MSP in their particular portion of the world and (b) how they see it connecting to the working waterfront conversation.

Session C4

Oral History Session 2 – Using Oral Histories to Educate and Engage Communities about the Working Waterfront

Room 4 (Venice 2)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Susan Abbott-Jamieson, Abbott-Jamieson Consulting, Ltd.*

Speakers

Jessica Bailey and Patricia Pinto da Silva, NOAA's Voices of the Fisheries Project

NOAA's Voices of the Fisheries Project's Oral History Resources for Working Waterfronts

Christina Package and Michael Jepson, NOAA Fisheries

Utilizing Oral History to Connect Students with Issues in their Coastal Community: A Voice from the Fisheries Project in Cortez, Florida

Craig Heberer and Jennifer Isé, NOAA Fisheries

Documenting the Heritage of the U.S. Tuna Fishery in San Pedro, California with Those Who Lived It

Amy Evans, Southern Foodways Alliance (Presented by Susan Abbott-Jamieson)

Oysters & Estuaries: Stories from the Gulf Coast

This session will examine how oral histories have been used as a tool used for exploring different cultures and sectors of a working waterfront and how learning about the personal challenges experienced by individuals can inform understanding of the culture and sector, as well as the broader issues.

Session C5

Government Funding Programs

Room 5 (Venice 3)

Theme II: Financing Tools

Moderator: *Stephanie Otts, National Sea Grant Law Center*

Speakers

Dick Clime, Coastal Enterprises, Inc.

A Retrospective Look at Maine's Working Waterfront Access Protection Program (WWAPP)

The presentation will highlight a current, publicly funded land conservation program that was created by the Maine legislature. The program has become a financial tool not only for preserving commercial fishing working waterfronts but is also recognized for furthering a property's full economic development potential and viability into the future.

Janine Belleque, Oregon State Marine Board Adding Value with Recreational Boating Grants

This presentation focuses on learning how to plan a waterfront to include recreational activities and fund those activities through Wildlife and Sport Fish Restoration Program (WSFR) grants, how partnering with small businesses and the community adds to your grant and the role of attractions and amenities to the grant.

David Porter, Economic Development Administration
The Economic Development Administration's Role in Supporting Working Waterfronts

This session will introduce the audience to the Economic Development Administration (EDA), a federal agency that provides grants and loans for planning, technical assistance and infrastructure to assist working waterfronts. Agency staff and grantees will present a range of diverse projects funded by the EDA. Staff will also provide information on the funding process and how to prepare a competitive application.

Session C6

Strategies for Balancing Conflicts

Room 6 (Venice 4)

Theme IV: Strategies

Moderator: *Jim Fawcett, USC Sea Grant/USC Sol Price School of Public Policy*

Speakers

Andrew Schwartz, AICP, RLA, LEED AP, Environmental Planning & Design, LLC, Pittsburgh

Balancing Conflicts between Paddles, Props, Otters and Tows: A Waterfront Park Plan

The focus of this presentation will be master planning techniques that manage water access while maintaining traditional waterfront activities. It will also address how to educate others and integrate traditional and non-traditional activities into design through the use of art and landscape. Also, the presentation will explore the means of utilizing industrial and maritime objects to celebrate and leverage the working waterfront heritage.

Elizabeth Durfee, Michigan Coastal Zone Management Program & Michigan Sea Grant

Planning and Zoning the Waterfront: Case Studies from Michigan

This presentation will review zoning and master plans as tools for supporting and accommodating traditional and future water dependent uses. The session will also provide an example of utilizing GIS and waterfront asset mapping as a method to better understand the geographic distribution of water dependent uses.

Joey Donnelly, York Harbor Board, York, Maine
A Historic Harbor Continues to Look to the Future

York suffered a lack of access for lobstermen, fishermen and recreation. Lobstermen and fishermen had one hoist for unloading and were frequently backed up. We now have five hoists, more working docks and an island that provides public access for recreational craft. This session will discuss how this was achieved.

Captain Joshua Berger, Sound Experience

BLUE Meets GREEN – Coordinating Sustainable Trends in Marine Industries of Puget Sound

Leaders from throughout the Puget Sound region have been working together to discuss trends and a coordinated way forward to increase sustainable practices throughout the multiple sectors of the maritime industry. Companies, ports, agencies and NGOs have been helping lead that charge. Is it creating a Green Standard and typology for vessels? Where does Blue meet Green? Capt. Berger will present the process and strides taken thus far in the Puget Sound region and lead conference attendees in discussing current practices and next steps across the industry.

Wednesday, March 27, 10:15 a.m.

Concurrent Sessions D

Session D1

Strategies for Recreational and Commercial Fishing

Room 1 (Pavillion BC)

Theme IV: Strategies

Moderator: Dan Hellin, Dan Hellin Consulting

Speakers

Lewis Lawrence, Middle Peninsula Planning District Commission, Gloucester County, Virginia

The Perrin River Commercial Seafood Harbor Master Plan

The goal of this project was to determine if local land-use policies and tools aligned with the position advocated by local elected officials: "Protecting and sustaining working waterfronts is essential to our community." The project determined that the existing zoning district classifications were not easily compatible with a position supporting working waterfronts. A Working Waterfront Overlay District has been proposed to better align public policy with political perception.

Dean Burke, Tacoma South Sound Sports Commission
Economic Stimulus through Sport Access Development

This presentation will explore integrating water and land use in planning and management. When planning for emerging tourism and consumer marketing, does the trend add value to working waterfronts? An overview of opportunities will be presented through specific events and explore future use.

Brady Scott, Washington State Department of Natural Resources

Mystery Bay: A Collaborative Approach to Managing Vessels and Commercial Shellfish

Strategies for success in this case study include: utilizing neutral facilitation, creating shared understanding, developing a stakeholder group with capacity to achieve results, using existing regulatory structure, incorporating a non-regulatory voluntary approach to compliance and reaching out to the public to create a shared management responsibility.

Session D2

Coastal Program - Sea Grant Collaborations in Working Waterfronts Retention – A Case Study on Successful Research and Extension in the Chesapeake Bay

Room 2 (Pavillion EF)

Theme III: Outreach and Education

Moderator: Thomas Murray, Virginia Institute of Marine Science

Speakers

Vicky Carrasco, University of Maryland Sea Grant Extension

Kelly Collins, Chesapeake & Coastal Service– Maryland Department of Natural Resources

Beth Pollack, Virginia CZM Program

This panel will discuss development of working waterfront networks, applied research and extension to local and regional communities to deal with waterfront use conflicts and working waterfront retention.

Session D3

State and Federal Update Panel

Room 3 (Venice 1)

Theme V: Legislative Issues

Moderator: Jeffrey Gabriel Jr., National Marine Manufacturers Association

Speakers

Ryck Lydecker, Boat Owners Association US

Recreational Boating Access Opportunities in the Urban Environment

Recreational boaters have experienced significant barriers to boating access in urban areas and many potential recreational boaters have been turned off from the pastime altogether. This presentation will identify the barriers to access and potential solutions to these barriers.

Byron Flagg, Esq., The Flagg Firm

Any Port Law in the Storm? How Ports Legislation Can Help Working Waterfronts

By analyzing existing state ports laws and suggesting certain reforms, this session will explore the extent to which state legislation in the various coastal states currently provides, or how it can be changed to provide, access to policy tools that effectively support waterfront uses commonly associated with working waterfronts.

Stephanie Otts, National Sea Grant Law Center

Working Waterfront Legislative Update

This presentation will share information on recent and ongoing federal and state legislative initiatives related to working waterfronts.

Session D4

Strategies for Preserving Industrial Waterfronts in West Coast Port Cities

Room 4 (Venice 2)

Theme IV: Strategies

Moderator: *Stephanie Jones Stebbins, Director, Seaport Environmental and Planning Programs, Port of Seattle*

Panelists

Joseph Gellings, Port of Seattle

Diane Oshima, Port of San Francisco

Richard Sinkoff, Port of Oakland

Susie Lahsene, Port of Portland

This panel will highlight the various tools being used to address industrial land-use pressures at four West Coast ports. Jurisdictional responses to the loss of industrial waterfront land will be discussed and lessons learned will be shared. Examples of preservation strategies that are both scalable and repeatable will be provided.

Session D5

Facing the Future: Waterfront Development Challenges in a Changing Climate

Room 5 (Venice 3)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Ed Knight, Swinomish Indian Tribal Community*

Panelists

Ed Knight, Swinomish Indian Tribal Community

Sean Keithly, CollinsWoerman

Steve Moddemeyer, CollinsWoerman

The presentation will include an introduction to the waterfront context of the Swinomish Economic Development Zone, projected impacts of climate change and a focus on the concept of building “cultural resilience” as it relates to climate change impacts (including impacts on traditional resources and economic development).

Session D6

State, Local and University Partnerships Stem the Tide Eroding Floridians’ Waterfront Access

Room 6 (Venice 4)

Theme IV: Strategies

Moderator: *Bob Swett, University of Florida*

Panelists

Bob Swett, University of Florida

Julie Dennis, Florida Department of Economic Opportunity

Tom Ankersen, Levin College of Law

This panel will provide examples of how public opinion surveys, spatial use profiles and economic impact assessments help local governments justify financial commitment to enhance waterfront access infrastructure; comprehensive marine use planning based on environmental and developmental constraints; University, State and local partnerships engendered by a legislative program to preserve, enhance, and diversify working waterfronts.

Wednesday, March 27, 1:45 p.m.

Concurrent Sessions E

Session E1

Healthy Local Seafood and Vibrant Working Waterfronts – Opportunities from Commercial Aquaculture

Room 1 (Pavillion BC)

Theme I: Economics

The U.S. imports 86% of our seafood and over half of what we import comes from farmed products. With increased domestic aquaculture, we have the potential to reduce our \$10 billion seafood trade deficit, produce jobs and business opportunities in coastal communities, and support working waterfronts and existing infrastructure, while maintaining healthy marine ecosystems.

Moderator: *Laura Hoberecht, PhD, NOAA Fisheries*

Speakers

Susan Bunsick, NOAA Fisheries Office of Aquaculture
Advancing Sustainable Aquaculture to Support Working Waterfronts through Policy and Innovation

This presentation will discuss how NOAA is working with government and private partners to enable domestic aquaculture to contribute to healthy economies at working waterfronts.

Alan Cook, Icicle Seafoods (American Gold Salmon)

The Economic and Spatial Impacts of Net Pen Farming in Washington State

The U.S. consumes millions of pounds of fresh farmed salmon annually, 95% of which is imported. Washington State has the potential to significantly expand salmon farming (without negatively impacting environmental goals) to replace imports and create jobs and economic benefits in small coastal communities and working waterfronts. The session will provide an overview of the impacts, benefits and risks of expanding this industry.

Bobbi Hudson, Pacific Shellfish Institute

Economic Impact of West Coast Shellfish Aquaculture

The presentation showcases an industry-NGO partnership to collect economic data demonstrating the value of ocean, estuary and harbor waterfront economies; the impacts of working waterfronts to local economies; and the economic impacts of changes in working waterfronts to local jurisdictions.

Margaret Pilaro Barrette, Pacific Coast Shellfish Growers Association

Working the Waterfront and Keeping Clam

This presentation is intended to explain how shellfish aquaculture fits into a working waterfront and identify the potential conflicts and challenges facing the industry.

Perry J. Lund, Washington Department of Ecology

The Washington Shellfish Initiative: An Effective Instrument to Support Working Waterfronts

This presentation will focus on action items in the Washington Shellfish Initiative with particular focus on permitting efficiencies and Shoreline Management Program guidelines. The intent is to provide solutions for current challenges faced by coastal planners and marine water users.

Session E2

Communities, Ecosystems and Waterfronts: The Two-Way Communication of Environmental Goals, Strategies and Science

Room 2 (Pavillion EF)

Theme III: Outreach and Education

Moderator: *Stacia Miller, Environmental Policy And Engagement Consultant*

This panel explores the role of public engagement in encouraging community support and public-private collaboration during development of waterway and waterfront projects.

Speakers

Allison Osterberg, The Evergreen State College

Whose Shore? Assessing Public Participation in Puget Sound Shoreline Master Plan Updates

This presentation will discuss specific methods of public participation employed in different waterfront communities, including both methods used to communicate information to the public and methods to gather public input. It will also discuss the effectiveness of these different methods.

John Hansen, West Coast Ecosystem-based Management Network (EBM)

Communities, Ecosystems and Waterfronts: Case Studies from the West Coast EBM Network

Examples of outreach and engagement of local stakeholders and project partners will be presented, through case studies of implementation of ecosystem-based management approaches and the role of sustainable working waterfronts.

Mike Wilson, Humboldt Bay Harbor Recreation and Conservation District

Planning, Development and Public Outreach for Aquaculture Expansion on Humboldt Bay, California

The focus is on how land-use planning, business development, environmental review and community outreach are coming together to create opportunity and positive change in the Humboldt Bay area.

Mary Clark, Mid-Atlantic Fishery Management Council

We Don't Know What We Don't Know: Why Two-Way Stakeholder Communication Matters

This presentation will describe how we used a wide variety of public outreach strategies to achieve high levels of stakeholder engagement. In particular, the presentation will focus on how successful engagement with diverse stakeholders depends on understanding stakeholders' individual interests and communicating accordingly.

Session E3

NOAA Fisheries and the Coast: Exploring Opportunities for a National Working Waterfronts Policy

Room 3 (Venice 1)

Theme V: Legislative Issues

Moderator: *Keith Rizzardi, Marine Fisheries Advisory Committee (MAFAC)*

Panelists

Linda Behnken, Alaska Longline Fishermen's Association

Sebastian Belle, Maine Aquaculture Association

Jennifer Steger, NOAA Restoration Center, Northwest and Alaska Region

Johnny Williams, representing a family-owned recreational fishing business in Galveston, Texas

Moderated by the chair of MAFAC, this four-person panel will explore ways in which NOAA Fisheries should play a supportive role in the preservation, maintenance and enhancement of working waterfronts for commercial and noncommercial fishing activities as coastal communities deal with climate change, land-use change and other social, economic and environmental challenges. The four speakers will represent commercial fishing (including aquaculture), non-commercial fishing, marine and business/community planning, and legislative/governance perspectives. The resulting findings can inform the conference and MAFAC on necessary changes in national policy and influence upcoming reauthorization of the Magnuson-Stevens Act to result in improved working waterfront outcomes.

Session E4

Working Waterfronts & Regulatory Constraints: A Collaborative Approach

Room 4 (Venice 2)

Theme IV: Strategies

Moderator: *Angie Fredrickson, Port of Seattle*

Speakers

Dr. Allison Geiselbrecht, Associate Principal, Floyd Snider

Working Waterfronts and Regulatory Constraints: A Collaborative Approach

This presentation will explore the potential use of creative regulatory and collaborative approaches to allow industrial businesses within intensive use districts to pool resources for construction of significant habitat restoration and stormwater treatment facilities, resulting in significant environmental benefit while supporting intensive industrial water-dependent operations.

Erik Bakkom, Maul Foster & Alongi, Inc. Zidell Working Waterfront Remediation Effort

This presentation will explain how the use of creative tools and techniques can accommodate multiple, seemingly conflicting land uses. Erik Bakkom will discuss how cleanup was implemented to simultaneously allow barge building operations to continue both during and after site remediation activities occurred.

Jack Wiggins, Harbor Institute, Boston

Green Ports: Best Practices and Innovative Approaches Employed in US Ports to Address Environmental Issues

This presentation will provide an overview of the approaches employed by U.S. ports to avoid, prevent, mini-

mize, mitigate or remediate environmental and community impacts associated with port development and operations. Presentation will feature a selection of examples of innovative and cost-effective management measures and technologies employed in U.S. ports.

Paul Meyer, Port of Seattle

Integrating Sustainability into Port Operations

Session E5

The Maritime Heritage of Working Waterfronts: Where Culture, History and Economics Meet

Room 5 (Venice 3)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Natalie Springuel, Maine Sea Grant*

Panelists

Barbara Garrity-Blake, Saltwater Connections

Bryan Fluech, Florida Sea Grant

Betsy Davis, Center for Wooden Boats

Communities around the country have undertaken efforts to protect the maritime heritage of their waterfronts because they value the important role that waterfronts play in a community's character and economy. Understanding the cultural role, both past and present, of working waterfronts helps protect highly valued community assets.

Session E6

Seafood Industry Financial Tools, Community Fisheries Network

Room 6 (Venice 4)

Theme II: Financing Tools

Moderator: *Edward Backus, Ecotrust Fisheries Initiative*

Panelists

Leesa Cobb, Port Orford Ocean Resource Team, OR

Dave Kubiak, Alaska Marine Conservation Council and longtime jig fisherman in Kodiak

Pete Halmay, San Diego Fishermen's Working Group and urchin fisherman

Rob Snyder, Island Institute, Rockland, Maine

The Community Fisheries Network members combine funding strategies and tools to ensure they have the working waterfronts they need to survive. This panel will identify how tools such as permit banking, Community Fishing Associations, Community Supported Fisheries, private investment and public financing can be combined to support critical infrastructure.

Wednesday, March 27, 3:30 p.m.

Concurrent Sessions F

Session F1

Role of US Economic Development Administration

Room 1 (Pavillion BC)

Theme I: Economics

Moderator: *Shannon Fitzgerald, U.S. Economic Development Administration, Seattle*

Panelists

David Farnworth-Martin, Economic Development Representative for Northern and Coastal California

Jacob Macias, Economic Development Representative for Western Washington and Arizona

David Porter, Economic Development Representative for Oregon, Clark County and Eastern Washington

This session will introduce the audience to the Economic Development Administration (EDA), a federal agency that provides grants and loans for planning, technical assistance and infrastructure to assist working waterfronts. Agency staff and grantees will present a range of diverse projects funded by the EDA. Staff will also provide information on the funding process and how to prepare a competitive application.

Session F2

Coalition Building – Strategies for Engaging the Public in Working Waterfronts

Room 2 (Pavillion EF)

Theme III: Outreach and Education

Moderator: *Ann Beier, Office of Healthy Working River, City of Portland*

Panelists

Brooke Berglund, Community Affairs Tour and Outreach Manager, Port of Portland

Jody Thompson, Auburn University/Mississippi–Alabama Sea Grant

Roland Lewis, Metropolitan Waterfront Alliance, New York

Hugh Cowperthwaite, Maine Working Waterfront Alliance Coalition

This panel will provide techniques to engage the public in working waterfront issues. Panelists will describe approaches to coalition building. Participants will gain an understanding of the pros and cons of bringing groups together to resolve issues. They will leave with new ideas and will be energized to tell their own waterfront stories.

Session F3

Regional Land Use Strategies, Regional Ocean Partnerships: Striking a Balance of Uses for Working Waterfronts

Room 3 (Venice 1)

Theme IV: Strategies

Moderator: *Suzanna Stoike, West Coast Governors Alliance Sea Grant Fellow*

Panelists

April Turner, South Carolina Sea Grant

Maureen Meehan, North Carolina Department of the Environment and Natural Resources, Division of Coastal Management

Julie Dennis, Florida Department of Economic Opportunity

Patty Snow, Oregon Department of Land Conservation and Development

The Working Waterfronts Technical Team of the Governors' South Atlantic Alliance (North Carolina, South Carolina, Georgia, and Florida) is working with Alliance partners to develop initiatives to further common goals for regional benefit. This will be accomplished by implementing action plan objectives that address diverse issues and are intended to strike a balance between new development, historical uses and sustained resources; support port development/maintenance and effective coastal planning; and ensure public access.

Session F4

Small, Medium and Large Working Waterfronts – Establishing Value and Protecting from Encroachment

Room 4 (Venice 2)

Theme IV: Strategies

Moderator: *Ron Popham, Port of San Diego*

Panelists

Geraldine Knatz, Executive Director, Port of Los Angeles

Roque DeHerrera, City of Seattle

Bill Needelman, AICP, Senior Planner, City of Portland, Maine

Vaughan Davies, AECOM

This session will explore strategies for accommodating new and traditional waterfront uses while protecting those facilities that are vital to a region's economy, goods movement and middle-class jobs. It will also explore strategies for addressing developer interests and proposals for incompatible land uses. Panel members will provide insight on joint uses that incorporate tourism and maritime industrial uses while protecting or adding value to working waterfronts. Also, the discussion will explore opportunities to protect working waterfronts through legislation and community action.

Session F5

Telling the Story of Our Working Waterfront Communities

Room 5 (Venice 3)

Theme VII: Social and Cultural Aspects of the Working Waterfront

Moderator: *Jason Mann, Island Institute, Maine*

Panelists

Jason Mann, editor of Working Waterfront (regional newspaper focused on working waterfront community issues as a whole)

Jess Hathaway, editor, National Fishermen (national trade publication focused on fisheries)

Ben Bloch, Times Picayune (journalist who covers seafood and working waterfront issues for New Orleans)

Peter Philips, Publisher, Fishermen's News and Pacific Maritime Magazine (regional commercial fishing and maritime publications aimed respectively at the independent West Coast commercial fishing fleet and the maritime operations sector of the Pacific Coast)

This panel will delve into gaining a greater understanding of the role of waterfront communities in the media. Recognizing how working waterfronts are covered in traditional and digital media and identifying future outlets for stories about these communities relates to a better understanding of their social and cultural aspects and the challenges they face.

Session F6

Sustainable Seafood and Working Waterfronts

Room 6 (Venice 4)

Theme II: Financing Tools

Moderator: *Mark Helvey, NOAA Fisheries*

Speakers

Jennifer Isé, Amber Rhodes, and Craig Heberer, NOAA Fisheries

Aligning the Waterfront with Goals for Sustainable US Fisheries and Seafood Market Opportunities

Rebecca Reuter and Amber Rhodes, NOAA Fisheries

Help Spread the Word: US Seafood is Sustainable

Joshua Stoll and Mark Holliday, NOAA Fisheries

Linking NOAA Fisheries to Working Waterfronts: Existing Resources and Funding Opportunities

Jen Levin, Gulf of Maine Research Institute

Building Markets for Underutilized Seafood: An Industry/Chef Collaboration

This session will explore how US fisheries are important components of working waterfronts and ways in which a strong US seafood supply can contribute to local economies. It will also provide insights into how waterfront managers and businesses, by supporting local fisheries, can help their communities take advantage of emerging opportunities in the seafood marketplace.

Wednesday, March 27, 3:30 p.m.

Interactive Round Table Discussions

Tools Café, Room 7 (AG)

Danielle Molnar, The Baldwin Group, NOAA Coastal Services Center

Assessing Working Waterfronts with the Ocean Economy

This presentation will demonstrate the use of tools and data that allow users to see the businesses, jobs, wages and GDP supported by working waterfronts. The data (Economics: National Ocean Watch, produced by NOAA) focus on commercial fishing, marine transportation, ship and boat building and other marine activities.

Rebecca Lunde, NOAA Coastal Services Center

Visualize Sea-Level Rise: Robust Data in a Really Easy Tool

This talk focuses on a powerful mapping and visualization tool that shows communities the potential impacts of sea-level rise and flooding on critical aspects of working waterfronts: people, economy and the environment. Ideas for applying the tool and examples of their use for waterfront planning and/or communication will be provided.

Kristen Grant, Maine Sea Grant and UM Cooperative Extension

Everything You Wanted to Know About Accessing the Coast of Maine — and Beyond

This website had been designed by Maine Sea Grant and its partners to help waterfront users, coastal communities, and land owners address issues related to coastal access. The intent is to offer specific tools to coastal stakeholders to facilitate their ability to cooperatively address access issues, possibly reducing the need for litigation. The site is available for adaptation in other states at no cost to eligible applicants. Current adaptations include AL, HI, MS, NJ, and VA and are pending in TX and the province of Nova Scotia, Canada.

Heather Wade, Coastal Management, Texas Sea Grant

WeTable: A Tool for Participatory GIS for Tabletop Planning at Public Workshops

Using Wii™ technology, the WeTable transforms an ordinary tabletop into an interactive interface. This affordable public participation tool allows teams to collaboratively

explore and use computer-based data and programs in a workshop setting. The WeTable enhances what people use daily — tables and pens — while the supporting technology works quietly in the background. This means that participants can use the interface with very little instruction, allowing them to work with what matters most in a meeting: data, maps and their fellow participants.

Andrea Martin, Cascadia Consulting Group

Integrating Vulnerability Information and Policies into One Decision-support Tool: Climate Impact–Decision Support Tool

CIMPACT-DST (Climate Impact–Decision Support Tool) is a first-of-its-kind integrated platform for climate adaptation planning. The tool provides a single customized resource to communicate technical and policy information related to climate adaptation. It combines the latest climate change science and best-practice adaptation strategies with organization policies and guidelines to provide consistent recommendations to planners, project managers and other departmental staff throughout the organization. Within 15-20 minutes, a user can obtain potential exposure and guidance information for their project or asset, including summary outputs for each of the primary climate impacts: temperature change, precipitation/stream flow changes and sea level rise. CIMPACT-DST ties in with existing GIS system capabilities. By combining asset and site attribute information with GIS data, site-specific climate change hazard and risk assessment is possible.

Thursday, March 28, 8:00 p.m.

Introduction to National Working Waterfront Strategy Session

Natalie Springuel, Maine Sea Grant and NWWN Co-Chair

Developing a National Strategy Together

8:15 – 8:45 a.m.

Plenary Session

National Political Landscape: What Now?

Kyle Molten, Field Representative for Congresswoman Chellie Pingree (ME-01)

Jeffrey Gabriel, Legislative Counsel for the National Marine Manufacturers Association

8:45 – 10:15 AM

Challenges of Working Waterfronts Nationwide

Moderator

Dick Vortmann, National Sea Grant Advisory Board, and former President, National Steel and Shipbuilding Company

Panel Members

Ryck Lydecker, BoatsUS, Representing recreational boating industry

Peter Philips, Philips Publishing, Representing the maritime industrial and commercial fishing industry

Bill Dewey, Taylor Seafoods, Representing Shellfish Industry

Rob Snyder, Island Institute, Representing Small Communities

10:30 – Noon

Setting a National Working Waterfronts Agenda

A Strategy Session for all Symposium Participants

At the 2010 Symposium, participants called for the creation of a National Working Waterfront Network. The 2013 Symposium participants will help define this new Network's priorities, including regional approaches for the West Coast, large and small working waterfronts finding common ground, policy, research and more.



SPEAKERS' BIOGRAPHIES

Susan Abbott-Jamieson, *Abbott-Jamieson Consulting, Ltd.*

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Susan Abbott-Jamieson is president of Abbott-Jamieson Consulting, Ltd. From 2002 to 2011, she served as lead social scientist for NOAA Fisheries' Office of Science and Technology, where she guided efforts to improve the agency's ability to meet its mission-related social science research requirements. She is an applied anthropologist whose current work focuses on the continued development of NOAA Fisheries' Voices from the Fisheries Project.

Willy Ahn, *Reid Middleton*

wahn@reidmiddleton.com

Dr. Ahn is a senior engineer specializing in waterfront and port engineering. He is experienced in all aspects of waterfront and municipal projects, from feasibility analysis to planning, permitting, design, cost estimating and construction administration. Willy's waterfront experience includes commercial/industrial marine and port facilities, marinas, Navy facilities and ferry terminals. He has been project manager on numerous waterfront projects and a marine structural engineer providing durable and cost-effective designs of various waterfront facilities for more than 18 years. He holds an MS and PhD in ocean engineering from Florida Atlantic University, and a BS in naval architecture and ocean engineering from Inha University in Korea. He is a registered professional engineer in Florida, Washington, and Alaska.

Rick Algert, *City of Morro Bay Harbor (retired)*

ralgert@hotmail.com

Rick Algert has been active in fishing issues for almost 30 years. For 20 of those years, he served as the Harbor Director for the City of Morro Bay. Rick is also a past chairman of the California Marine Affairs and Navigations Conference (CMANC), the state's preeminent association of public ports and harbors. He is well known in the California fishing community, among conservation nonprofits, and by key state and federal staff. Rick has a degree in economics from the University of California, Santa Barbara.

Tom Ankersen, *University of Florida Levin College of Law*

ankersen@law.ufl.edu

Tom Ankersen is a legal skills professor at the University of Florida Levin College of Law, where he directs the law school's conservation clinic, housed in the Center for Governmental Responsibility. The clinic represents clients in the governmental, non-governmental and private sectors in environmental and land use matters. His current work focuses on issues concerning public water access and the preservation of working waterfronts. He holds a JD from the University of Florida, where he was a member of the Law Review.

Steve Atkinson, *City of Tacoma*

satkinson@cityoftacoma.org

Stephen Atkinson is an associate planner with the City of Tacoma, with primary responsibility for shoreline and environmental planning. A graduate of Cornell University in city and regional planning, he has been the lead for Tacoma's extensive shoreline master plan update process for the past four years, which includes public access planning and design guidelines for the Thea Foss Waterway.

Ann Avary, *Skagit Valley College Center of Excellence for Marine Manufacturing & Technology*

ann.avary@skagit.edu

Ann Avary's work focuses on the boat- and ship-building industries of Washington State. She works closely with industry partners to develop training programs to meet workforce needs, with a specific focus on new and emerging technologies.

Edward H. Backus, Ecotrust

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Edward Backus is vice president of Ecotrust and the founder and chair of the North Pacific Fisheries Trust. He oversees the community fisheries program, which includes marine and salmon initiatives from Alaska to California. The program focuses on habitat conservation, water rights and organizational development in the Copper River, Alaska; social and economic effects of marine fisheries management; development of capital strategies for communities to accumulate equity in the tradable assets of fishing; and policies on community-based fisheries and conservation. Edward has a background in conservation planning and information systems, tropical forest conservation, seabird ecology and commercial fishing. He holds an MFS from the Yale School of Forestry and Environmental Studies.

Jessica Bailey, NOAA Fisheries

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Jessica Bailey is the project manager for Voices from the Fisheries, a NOAA project designed to be a “one-stop shop” for those interested in the lives of those who work in our nation’s fisheries. In addition to her work with Voices from the Fisheries, she is the development and exhibits manager for the Working Waterfront Festival, a celebration of our nation’s working ports. Her professional experience has focused on special event planning, development and tradeshow coordination. Jessica has also worked for several foundations, including the United Way. She is a resident of New Bedford, Massachusetts, our nation’s number-one fishing port.

Erik Bakkom, Maul Foster & Alongi, Inc.

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Erik Bakkom, an environmental engineer with Maul Foster & Alongi, has 15 years of experience in industrial site cleanup, sediment remediation and solid waste services. Erik has worked on cleanups at a variety of operating sites, including high-tech and airport facilities. He will describe how his team integrated the existing barge construction operational requirements into the design and construction of a complex cleanup effort along Portland’s waterfront.

Margaret Pilaro Barrette, Pacific Coast Shellfish Growers Association

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Margaret Pilaro Barrette joined the Pacific Coast Shellfish Growers Association (PCSGA) as the executive director in 2010. She brings to the position experiences in both local and state government, where she worked on aquatic resources issues, community planning and public involvement. She received both a BA and MA in marine affairs from the University of Rhode Island.

Linda Behnken, Alaska Longline Fishermen’s Association

alfafish@acsalaska.net

Linda Behnken has been a commercial fisherman in Alaska since 1982 and has served as the executive director of ALFA since 1991. Linda served on the North Pacific Fishery Management Council (NPFMC) from 1992 to 2001, and she co-chaired the NPFMC’s Essential Fish Habitat Committee. Linda was awarded the National Fisherman Highliner award in 2009 for her work promoting healthy marine ecosystems and strong coastal communities. Linda has a bachelor’s degree from Dartmouth College and a master’s in environmental science from Yale University.

Ann Beier, City of Portland

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Ann Beier is the director of the City of Portland’s Office of Healthy Working Rivers. Ann has more than 25 years of experience working on environmental policy, economic development, land use planning and sustainability issues. She served as sustainability director for the City of Milwaukee, Wisconsin. Prior to that, she worked for the State of Oregon’s Land Conservation and Development Department as manager of the Planning Services Division. Ann has extensive experience on water quality issues and worked for the U.S. Environmental Protection Agency in Washington, D.C.

Sebastian Belle, Maine Aquaculture Association

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Sebastian Belle began his career as a commercial fisherman, working his way through university as a mate on offshore lobster boats. Currently, he is the executive director of the Maine Aquaculture Association, a private non-profit association representing Maine shellfish and finfish growers. Sebastian sits on the National Organics Standards Board Aquaculture Task Force, the Standards Oversight Committee of the Global Aquaculture Alliance and the Boards of Directors for the USDA Northeast Regional Aquaculture Center and the International Salmon Farmers Association. Prior to joining the Maine Aquaculture Association, he was the state aquaculture coordinator working for the Maine Department of Marine Resources and managed commercial salmon and tuna farms. Sebastian holds degrees in fisheries biology and agricultural economics. He is president of Econ-Aqua, a consulting firm specializing in aquaculture project design, operations management, financial due diligence and risk analysis and control.

Janine Belleque, Oregon State Marine Board

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Janine is the Grant and Contracts Coordinator of the Boating Facilities Program for the Oregon State Marine Board where she manages state and federal boating-related grants, including Boating Infrastructure and Clean Vessel Act grants, as well as Sport Fish Restoration grants in partnership with the Oregon Department of Fish and Wildlife. Janine also oversees a boating facility maintenance grant program. Janine is the Vice President of the States Organization for Boating Access and serves as an alternate on the Sport Fishing and Boating Partnership Council.

Andy Bennett, KPFF Consulting

andy.bennett@kpff.com

Andy Bennett earned his BS in naval architecture from MIT and his MMA from the University of Washington School of Marine Affairs. After fifteen years designing boats ranging from high-speed ferries to aircraft carriers, he washed ashore and now manages waterfront engineering and design project and ferry-system planning. Current clients include the U.S. Navy, Staten Island Ferry, King County Ferries, the City of Bellevue, Wash., and several private clients. He also serves on the board of directors for Northwest Seaport, a nonprofit organization dedicated to preserving the maritime heritage of the Puget Sound and providing opportunities for young people to get a start in the maritime industry.

Lydia Bennett, Port of Bellingham

lydiab@portofbellingham.com

Lydia Bennett is the director of business development for the Port of Bellingham in Washington. She has worked in the commercial real estate industry her entire career — with developers, as a broker and consultant, and as a business owner. She currently oversees marketing and developer selection for the initial development area of the port's waterfront district. Additionally, she is a national instructor with the CCIM Institute and travels throughout the United States teaching financial analysis of commercial real estate.

Joshua Berger, Sound Experience

joshua@soundexp.org

Joshua Berger has proven abilities as a skilled and passionate professional mariner, educator and advocate of Puget Sound. He earned a master's degree from Antioch University in Seattle and was awarded a 2012 TogetherGreen Fellowship provided by Toyota and Audubon. Joshua has worked across the country on nonprofit, commercial and research vessels and has been deeply engaged in sustainability education as a community development consultant for statewide and regional participatory planning and socio-environmental change. Presently, Joshua serves as captain of the schooner *Adventuress* and as project manager for the ship's restoration and living ship initiative.

Brooke Berglund, Port of Portland

contactus@portofportland.com

Brooke Berglund is the community affairs tour and outreach manager for the Port of Portland. The port owns four marine terminals, three airports (Portland International and two general aviation facilities), and has developed six business parks. Brooke is responsible for providing support and community outreach management for a variety of trade and transportation-related projects for the port's marine and industrial development departments, Portland International Airport and Hillsboro Airport. In addition, she manages the port's education outreach program and the waterfront exploration tour series. Brooke graduated from Portland State University with bachelor's degrees in marketing and advertising. She received her MBA in general management from Marylhurst University.

Dan Blick, Phondini Partners

dan@phondini.com

Dan Blick is a senior mobile technologist for Phondini Partners in Half Moon Bay, California. His background includes vibration analysis, digital signal processing, data acquisition systems and the modeling and simulation of open-loop and closed-loop dynamic systems. Dan holds a master's in mechanical engineering from Stanford, and a bachelor's degree in Mechanical Engineering from the University of California, Berkeley. Dan played tuba in the Cal Marching Band, and he currently plays in the California Repercussions.

Ben Alexander-Bloch, New Orleans Times Picayune

bbloch@nola.com

Benjamin Alexander-Bloch is a reporter with The Times-Picayune newspaper in New Orleans. He covers commercial fisheries and St. Bernard Parish, a historic coastal community ravaged in Hurricane Katrina. He has reported on several hurricanes and their impacts on the region. His other beats have included crime and courts. In 2006, he graduated from Yale University with a degree in cultural anthropology. He previously worked for *The Toledo Blade*.

Stephen Brandt, Oregon Sea Grant

Stephen.Brandt@oregonstate.edu

Stephen Brandt has been Oregon Sea Grant's director since 2009. He previously served as the director of the NOAA Great Lakes Environmental Research Laboratory (GLERL) for 12 years. An oceanographer and fisheries ecologist by training, he received his PhD from the University of Wisconsin, Madison, and has had several academic appointments, including as a professor with the University of Maryland's Chesapeake Biological Laboratory and as director of the Great Lakes Center for Environmental Research and Education with the State University of New York College at Buffalo.

Mark Breederland, Michigan Sea Grant

breederl@msu.edu

Mark Breederland loves to work with Great Lakes coastal communities and has done so for 25 years. Since 1995, he has been a field-based educator with the Michigan Sea Grant College Program/Michigan State University Extension, serving the greater Detroit/Southeast Michigan area on a variety of urban Great Lakes waterfront and conservation issues. Mark is directly involved in the Michigan Sea Grant and Michigan Office of the Great Lakes working waterfront project. Mark has a BS in biology from Taylor University and a master's in environmental science from Miami University.

Jim Brennan, J.A. Brennan Associates

Jim@jabrennan.com

Jim Brennan is a landscape architect with more than 25 years of experience in shoreline planning and design. Dedicated to the health and restoration of the environment for the benefit of people and ecosystems, Jim's career has focused on the design of projects in sensitive environments. Jim recently developed alternatives for the Seattle downtown waterfront's new shoreline edge that celebrate the uniqueness of the City of Seattle and its place on Elliott Bay. Many of Jim's projects have been in working waterfront settings.

Susan Bunsick, NOAA Fisheries Office of Aquaculture

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Susan Bunsick has been leading policy, legislative and regulatory initiatives in support of marine aquaculture at NOAA since 2001. She holds master's degrees in marine policy from the University of Delaware and in public affairs from George Washington University, and she did her undergraduate work in public service at the Pennsylvania State University.

Dean Burke, Tacoma South Sound Sports Commission

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Dean Burke has been a Tacoma resident for almost 20 years and is an avid stand-up paddler who can be seen many days of the week on the waters of Commencement Bay. When not on the water with his family, he serves as vice president of the Tacoma South Sound Sports Commission and advocates sport development and tourism for the greater Pierce County region.

Joe Callaghan, GeoEngineers

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Joe Callaghan provides a focus on project permitting and habitat restoration associated with aquatic systems. He has worked on many multi-disciplinary teams preparing federal permit documents, Endangered Species Act consultations, environmental impact statements, environmental assessments and other SEPA and NEPA documents. Joe is an accomplished biologist who has completed a wide range of projects including assessments and baseline habitat documentation, eelgrass surveys, underwater video reconnaissance, mitigation planning and restoration planning for wetlands, streams and near-shore environments. Joe holds an MS in environmental science from Washington State University and a BS in environmental science and biology from Washington State University.

Vicky Carrasco, Maryland Sea Grant

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Vicky Carrasco currently works with University of Maryland, College Park, and has been coastal communities specialist with Maryland Sea Grant extension program since February, 2005. Carrasco holds a master of urban planning and a BS in renewable natural resources from Texas A&M University. Her thesis work focused on geospatial analysis and sprawl reduction policies, which produced three peer-reviewed, co-authored scientific articles in the *Journal of Planning Education and Research*, *Landscape and Urban Planning* and *Environmental Management*. She was also a Center for Housing and Urban Development Fellow.

Tom Cashman, Foss Waterway Seaport (former)

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Tom Cashman was the executive director of the Foss Waterway Seaport in Tacoma for eight years, where he guided the multi-million dollar adaptive reuse of the century-old Balfour & Guthrie waterfront warehouse. A special community gathering place, the seaport encompasses a maritime museum and maritime science center and was the site of major tall ships events in 2005 and 2008.

Mary Clark, Mid-Atlantic Fishery Management Council (MAFMC)

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Patricia M. Clay, NOAA Fisheries

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Patricia M. Clay is an anthropologist with NOAA's National Marine Fisheries Service. She conducts research and provides policy guidance on issues such as ecosystem-based management, climate change adaptation, social impact assessment and connecting social and natural science to further the improvement of fisheries management.

Dick Clime, Coastal Enterprises, Inc.

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Dick Clime is responsible for generating new projects that preserve Maine's commercial fisheries access properties by purchasing the development rights and placing restrictive covenants on their future use (the Working Waterfront Access Protection Program). He also seeks ways that CEI's business-development services and lending capacity can stimulate small business development in fisheries and aquaculture, including seafood processing, distribution, water access infrastructure and related marine industries. Dick owned and operated a commercial oyster farm for over 30 years in the Damariscotta River, Maine, until its sale in 2008. As a former CEI employee (1976 and 1977), he co-founded the Maine Aquaculture Association and the Maine Aquaculture Innovation Center affiliated with the University of Maine, at times serving as president, director and board chair. He currently serves on the advisory boards of a coastal land trust and the University of Maine's Sea Grant Program.

Leesa Cobb, Port Orford Ocean Resource Team

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Leesa Cobb is the executive director for the Port Orford Ocean Resource Team. She directs the programs, secures funding and works with the board to meet POORT's goals and missions. Her educational background is from Oregon State University and the University of Oregon. Leesa's professional interests include community-based management and sustainable fisheries. Leesa initiated POORT almost 10 years ago because single-species, coast-wide management of fisheries was not working. Community-based fisheries management is successful in other countries, so she decided to try CBFM at Port Orford. This project has become a vehicle for positive change in the local management of ocean resources.

Lisa L. Colburn, NOAA Fisheries

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Lisa L. Colburn is an applied anthropologist at the Northeast Fisheries Science Center of NOAA Fisheries Service. Her current work is focused on the development of social indicators of fishing community vulnerability and resilience and in the use of oral histories to assess social impacts resulting from the implementation of sector management in New England.

Flaxen Conway, Oregon State University

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Flaxen Conway is a professor in the OSU School of Public Policy, an Oregon Sea Grant extension specialist and the director of the Marine Resource Management Program in the College of Earth, Ocean and Atmospheric Sciences. Flaxen works with coastal communities, groups and families affected by changes in natural resource policy and management. She helps access resources, build coalitions and plan strategies that meet the needs of all interests. In partnership with community learners, agency personnel and other subject-matter specialists, she provides coastal and statewide outreach and engagement for the development of community educational programs and materials. She also conducts action research related to cooperative learning, conflict transformation, personal and group leadership, community economic development and adapting to change.

Alan Cook, Icycle Seafoods

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Alan Cook is the vice president of aquaculture for Icycle Seafoods. In his current position, he is responsible for Icycle's aquaculture interests in Washington State and through their joint-venture partnership in Chile. Alan has worked in leadership roles in the aquaculture industry in the East and West Coasts of Canada, Chile and the United States.

Jeff Cordell, University of Washington

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Jeff Cordell is a principal research scientist at the Wetland Ecosystems Team, University of Washington. His 35 years of research experience there include: studying the linkages between nearshore fishes and the invertebrates that they forage on; developing protocols to use juvenile salmonids and their invertebrate prey as indicators of developing ecological function in restored estuarine and nearshore marine habitats; investigating the effect of human impacts on invertebrates that are used by juvenile salmon; examining the role of introduced invertebrates in estuaries; and assessing the risks of ballast water-introduced invasive organisms in Puget Sound and other Pacific Northwest estuaries. Jeff is a recognized expert in the identification and ecology of invertebrates in the northeastern Pacific. He has published peer-reviewed papers in these fields and has participated in many interdisciplinary multiple-investigator projects on the Pacific coast.

Kelly Collins, Maryland Department of Natural Resources

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Kelly Collins is the coastal resources planner for Maryland DNR's Chesapeake & Coastal Service. Kelly's duties support departmental efforts to reduce the vulnerability of coastal resources and communities to the potential impacts of coastal hazards; ensure the informed use of coastal resources; enhance public access to coastal beaches and waters; and preserve water-dependent uses. She is currently Maryland's project manager for the working waterfront inventory being conducted by VIMS. Kelly has been with the Department of Natural Resources for the past six years, also working as a natural resource planner in land acquisition and planning. Prior to DNR, Kelly spent two years in the Federated States of Micronesia as a Peace Corps volunteer, where she worked with the local community on natural resource management and development of Kosrae Island's first marine park and conservation area. She earned a BS in environmental science and policy from the University of Maryland and is finishing an MS in energy policy and climate change at Johns Hopkins University.

Penny Dalton, Washington Sea Grant

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Penny became the WSG Director in November 2005. Previously she was vice president of the Consortium for Oceanographic Research and Education, where she was involved in efforts to strengthen ocean science and policy, including implementation of the recommendations of the U.S. Ocean Commission. Prior to CORE, she served from 1999 through 2001 as NOAA's Assistant Administrator for Fisheries and head of the National Marine Fisheries Service. Penny also was a staff member on the U.S. Senate Committee on Commerce, Science, and Transportation for 13 years and directed the Democratic staff of the Oceans and Fisheries subcommittee and Science, Technology, and Space subcommittee. She was involved in enactment and reauthorization of numerous science and ocean laws, including the Sustainable Fisheries Act, the Global Change Research Act, the Marine Mammal Protection Act and the Oceans Act of 2000. She has a master's degree in Marine-Environmental-Estuarine-Sciences from University of Maryland.

Vaughan Davies, AECOM

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Vaughan Davies is an architect and urban designer who has produced dynamic plans for urban waterfronts in cities large and small, both nationwide and abroad. Collaborating with major developers, cities and agencies, he has demonstrated a unique ability to create significant added value for all interests involved, envisioning one-of-a-kind addresses and focusing his design solutions on the establishment of a superior public realm as a unique and memorable amenity. Vaughan's recent "Bridge to Breakwater Master Development Plan" for the Port of Los Angeles establishes new precedent for urban waterfronts. In Long Beach, Vaughan led the development of the Queensway Bay master plan and Rainbow Harbor. Internationally, he has led the Dublin Bay Vision Plan, and he is currently engaged in the strategic planning of a new sustainable waterfront city, Tongzhou, just east of Beijing, as well as a new resort town on Brazil's famed Emerald Coast.

Betsy Davis, Center for Wooden Boats

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Betsy Davis is the executive director of the Center for Wooden Boats (CWB), a regional hands-on maritime museum serving more than 100,000 visitors annually at three Washington campuses, where she helps lead collaborations between various marine and cultural organizations.

Roque DeHerrera, City of Seattle

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Roque DeHerrera has worked for the City of Seattle as an urban planner and economic development professional for more than 14 years. Since 2004, he has worked to protect and grow Seattle's manufacturing and maritime sectors. Roque is currently leading the Industrial Development Pilot Program, a joint effort between the City of Seattle, King County, and Washington State to encourage new industrial investment in Seattle and unincorporated King County. Roque has a degree in community, environment, and planning from the University of Washington.

Julie A. Dennis, Florida Department of Economic Opportunity

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Julie Dennis received her master's in urban and regional planning from Florida State University and has worked in the private, local, state and federal government sectors of planning. She currently works as a planning analyst with the Florida Department of Economic Opportunity, Division of Community Development, focusing on coastal resources and technical assistance through working waterfronts preservation, post-disaster redevelopment planning, hazard mitigation and sea level rise adaptation as it relates to the local and state planning framework. She serves as the State of Florida lead for the Working Waterfronts and Disaster Resilient Communities Teams of the Governors' South Atlantic Alliance and the state co-lead for the Gulf of Mexico Alliance Coastal Community Resiliency Team.

Joey Donnelly, York Harbor Board

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Joey Donnelly is co-chairman of the York Harbor Board and a member of Maine's Working Waterfront Coalition. He was chairman of The Gundalow Company, which owns the only two Gundalows still in existence (large sailing barges). The Gundalow Company provides educational and recreational sailing and teaching experiences on these historic vessels. He and his wife sail extensively along the Maine Coast.

Jamie Doyle, Oregon Sea Grant

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Jamie Doyle is a Sea Grant Extension Agent based in Coos Bay. She works on a range of coastal and marine topics, including marine debris, watershed education, towwane agreements, fisheries education, and planning the annual Heceta Head Coastal Conference. Jamie has a background in marine policy and education/outreach.

Elizabeth Durfee, Michigan Coastal Zone Management Program & Michigan Sea Grant

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Liz Durfee is a NOAA Coastal Management Fellow with the Michigan Coastal Zone Management Program and Michigan Sea Grant, where she assesses coastal land use planning, public access, and challenges and opportunities of maintaining working waterfronts in Michigan. She has a BS in environmental conservation from the University of New Hampshire, an MS/MUP from the University of Michigan's School of Natural Resources and Taubman College of Architecture and Urban Planning, and a background in natural resources management and stewardship.

Paul Dye, The Nature Conservancy

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Paul Dye is The Nature Conservancy's director of marine conservation for Washington. He has lived in the Puget Sound region since 2000 but has worked for TNC in a variety of positions since 1984. In the 1990s he directed TNC's marine program in the Florida Keys, where he helped write the Florida Keys National Marine Sanctuary's first management plan. His work in the Northwest has focused on finding new approaches to conserving marine habitats, broadening citizen participation in ocean management decisions through coastal and marine spatial planning, and helping fishermen adopt more sustainable practices.

Amy Evans, Southern Foodways Alliance

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Amy C. Evans is the oral historian for the Southern Foodways Alliance, an affiliated institute of the Center for the Study of Southern Culture at the University of Mississippi. She has stood in pig lots in Cajun Country, behind cocktail bars in Louisville and on oyster skiffs in the Apalachicola Bay to collect the stories behind the food. In recognition of her documentary work, *Food & Wine* magazine named Amy one of the "most fearsome talents" in the culinary world. Her work has twice been recognized by the Mississippi Historical Society, received *Travel & Leisure* magazine's 2009 Global Vision Award, and she was honored with two awards from the International Association of Culinary Professionals in 2012. Amy holds an MA in southern studies from the University of Mississippi and a BFA from the Maryland Institute College of Art. She appreciates a good meringue and can never eat too many oysters.

Nicole Faghin, Washington Sea Grant

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Nicole brings more than 25 years of experience in shoreline and coastal management to her position with Washington Sea Grant as their Coastal Management Specialist. Trained as an urban planner and lawyer, Nicole has worked as a consultant with municipalities, ports, the seafood industry, marinas and private industry on a wide range of waterfront planning, permitting and feasibility efforts. She has been a guest lecturer with the UW School of Marine and Environmental Affairs and the Coastal Training Program. She is also teaches courses on Coastal Resiliency and Sea Level Rise. She currently manages the Green Shores for Homes project, an Environmental Protection Agency (EPA) grant funded effort led by the City of Seattle and San Juan County. Nicole received her masters in urban planning from MIT and her law degree from Northeastern University School of Law in Boston, Ma.

Mark Farley, Oregon Sea Grant

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Mark Farley is the exhibit and technologies developer for Oregon Sea Grant and manager of the visitor center at Oregon State University's Hatfield Marine Science Center (HMSC). Prior to coming to Oregon Sea Grant in 2009, he was vice president of development for Pathworks, Inc., an interactive media development company that built training and education products. In his position with Oregon Sea Grant, he is responsible for technology initiatives, exhibit development, programs and products integrating free-choice learning theory and practice, and for the daily operations of the visitor center. He has extensive experience with partnership development, fundraising, strategic planning and grant management. He also serves as the project manager for the \$2.6 million NSF Cyberlab award, building free-choice learning research infrastructure into the visitor center.

David Farnworth-Martin, Economic Development Administration

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David Farnworth-Martin is EDA's economic development representative for Northern and Coastal California. As EDA's liaison with distressed urban and rural communities, he facilitates the agency's mission to advance the economic revitalization of communities and regions suffering from economic distress by making grant-based investments that attract private capital and create higher-skill, higher-wage jobs.

Jim Fawcett, University of Southern California Sea Grant and Sol Price School of Public Policy

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For the past four decades, Jim has devoted his work to coastal management, seaports and marine transportation as a professor, researcher and public educator. An urbanist by training and seagoing by experience, he strives to help the public make good choices about allocating uses of their coastal resources.

Ken Fellows, GeoEngineers

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Ken Fellows is a professional environmental engineer with more than 20 years experience in a wide range of environmental issues related to waterfronts, including sediment and water quality, shoreline restoration, and infrastructure permitting and development.

Shannon FitzGerald, Economic Development Administration

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Shannon FitzGerald is EDA's environmental specialist who assists applicants and grantees in navigating environmental laws and regulations. With degrees in oceanography and geology, her work experience ranges from working as a well-site geologist on an offshore oil platform to working on dredging projects for the U.S. EPA.

Byron Flagg, The Flagg Firm

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Attorney Byron Flagg started The Flagg Firm, located in Gainesville, Florida, in 2011. The Flagg Firm, working closely with planners, engineers and local government staff, focuses on representing private and nonprofit clients on land-use and environmental legal issues. Byron Flagg began his legal career as an assistant state attorney in Gainesville, prosecuting criminal cases for the State of Florida. He also served in the U.S. Coast Guard Reserves from 1997 to 2005. In 2011, he earned an LLM Degree in environmental and land use law from the University of Florida, analyzing working waterfronts issues and Florida boating law issues.

Bryan Fluech, Florida Sea Grant

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Bryan Fluech is the Florida Sea Grant extension agent covering the areas of Naples, Marco Island and Everglades City in southwest Florida. His responsibilities include developing marine and natural resource educational programs that focus on marine fisheries, seafood safety and sustainability, and marine education.

Chuck Fowler, Olympia Harbor Days Tugboat Festival

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Chuck Fowler has been a leader in the marketing, public affairs and fundraising business for more than 40 years, specializing in maritime heritage, waterfront redevelopment, and marine environment and tourism projects. Now retired, he has co-owned and operated two successful consulting firms, served as the president of the nonprofit Puget Sound Maritime Historical Society in Seattle, and acted as the founding co-coordinator of the Pacific Northwest Maritime Heritage Council. He is the author of three regional maritime history books.

Angie Fredrickson, Port of Seattle

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Angie Fredrickson is the seaport liaison for the Port of Seattle. Angie previously worked as an environmental planner at the Port of Long Beach, California, where she initiated the port's climate change preparedness efforts and helped developed its Green Ship Award, a program aimed at improving air quality by incentivizing the preferential deployment of the newest, cleanest ships to the Port of Long Beach. Angie was a Marc Hershman Marine Policy Fellow and is a proud graduate of the University of Washington School of Marine Affairs.

Debra Friedman, University of Washington Tacoma

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Dr. Debra Friedman came to UW Tacoma as chancellor and professor of urban studies on July 1, 2011. She is guiding UW Tacoma's development into one of the premier urban-serving universities in the country by promoting access for the diverse students of the region, strong partnerships throughout the community, and research to advance the common good. She will accelerate UW Tacoma's growth in order to achieve these ends. Prior to joining UW Tacoma, Debra served as vice president at Arizona State University at the downtown Phoenix campus and dean of the ASU College of Public Programs where she was also professor of public affairs.

Sarah Garcia, Massachusetts Maritime Economy Plan
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Sarah Garcia directs strategic economic development for the working port of Gloucester, Massachusetts. Over the past five years, she has brought together interests for sustaining the fishing industry, promoting access and expanding opportunities for new non-recreational maritime industry. The city is building a maritime campus of connections and collaborations to promote diversity, strength and innovation in the working port economy. Sarah chairs the Maritime Economic Working Partnership, which most recently hosted the city's second annual Maritime Summit: Innovation and Opportunity in the Maritime Economy.

Barbara Garrity-Blake, Saltwater Connections
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Barbara Garrity-Blake is a cultural anthropologist serving as the Down East coordinator of North Carolina's Saltwater Connections initiative. She has worked extensively on fisheries and working waterfront issues and is author of *The Fish Factory* and (with Susan West) *Fish House Opera*.

Allison Geiselbrecht, Floyd|Snider
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Dr. Allison Geiselbrecht is an associate principal with the Seattle-based environmental consulting firm Floyd|Snider. Allison is an expert in sediment remedial design, storm water management and waterfront facility cleanup and redevelopment. Allison routinely coordinates interdisciplinary teams of scientists, engineers, and natural resource experts to assist industrial, port and municipal waterfront landowners to achieve integrated facility and environmental goals.

Joseph Gellings, Port of Seattle
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Joseph Gellings brings seasoned experience in land use regulations and stakeholder outreach to his planning projects as a senior planner at the port. His projects have included a facility planning process for Fishermen's Terminal and developing a master plan for 70 acres of habitat restoration along the lower Duwamish Waterway. Joseph frequently tracks City of Seattle land use projects to advocate for land use schemes that are favorable to Port of Seattle interests.

Pete Granger, Washington Sea Grant
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Pete Granger is the program leader for Washington Sea Grant's marine advisory services. He has extensive background in the commercial seafood industry, having fished commercially in Puget Sound and Alaska and processed and marketed seafood products for several companies. He has a BS in oceanography and an MBA in international business from the University of Washington.

Lisa Graumlich, University of Washington College of the Environment
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Dr. Lisa J. Graumlich became the first dean of the University of Washington's College of the Environment in 2010. She came to UW from the University of Arizona, which she joined in 2007 as the Director of the School of Natural Resources and the Environment. As a paleoecologist, Dean Graumlich investigates how ecosystems and human societies adapt to climate change, with a special focus on severe and persistent drought. She is renowned for her interdisciplinary focus and has a career-long interest in global climate change, especially with regard to how to best manage natural and human resources in an uncertain future. She started her career at UCLA as a faculty member in the Department of Geography, and has subsequently served as director of the University of Arizona's Institute for the Study of Planet Earth and Montana State University's Mountain Research Center, as well as executive director of MSU's Big Sky Institute. She received her BS in botany and MS in geography from the University of Wisconsin-Madison, and her PhD in forest resources from the University of Washington.

Peter Hall, Simon Fraser University
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Peter Hall is associate professor of urban studies at Simon Fraser University in Vancouver, Canada. He holds a doctorate in city and regional planning from the University of California, Berkeley, and he previously worked in local government in the port city of Durban, South Africa. His research examines the connections between port cities, seaports and logistics, as well as local economic, employment and community development. He is co-editor of *Integrating Seaports and Trade Corridors* (Ashgate, 2011) and *Cities, Regions and Flow* (Routledge, 2013), and he currently directs a research partnership titled "Reclaiming the New Westminster Waterfront."

Madeleine Hall-Arber, MIT Sea Grant
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Madeleine Hall-Arber has worked with New England fishermen for over 25 years. Her published work on New England fishing communities serves as the basis for describing the human environment for several regional fishery management plans. In addition to working on social impact assessments of regulatory change, she works with fishing industry representatives on fishing vessel safety, working waterfronts, oral history and spatial documentation of fishing and marine habitat. In addition, she is interested in the potential for ecosystem-based management to incorporate local ecological knowledge and to emphasize the sustainability of both marine and human communities.

Pete Halmay, San Diego Fishermen's Working Group
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Pete Halmay is a fisherman (urchin diver) and lead contact for the San Diego Fishermen's Working Group. The goal of the SDFWG is to protect the commercial fishing interests and opportunities in San Diego by providing seafood choices that affirm regional cultural traditions, support local communities and contribute to the health and productivity of natural marine resources. Pete has a bachelor's in civil engineering from McGill University.

John Hansen, West Coast Ecosystem-Based Management Network
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John Hansen has served as the coordinator of the West Coast EBM Network since 2009 and is based in Oakland, California, co-located with the West Coast headquarters of the NOAA Coastal Services Center. John received his undergraduate degree in aquatic biology from University of California, Santa Barbara, and a master's in marine affairs from the University of Washington. Before working with the network, he was involved in developing ocean policy for the State of Washington, as well as policy and management of the state's aquatic lands.

Jess Hathaway, National Fishermen
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Jessica Hathaway is the editor in chief of *National Fisherman* magazine and *NationalFisherman.com*. She has worked in the field of maritime publishing for 12 years, including nearly five years as *National Fisherman's* associate editor, before taking on the role of editor-in-chief in 2010.

Craig Heberer, NOAA Fisheries
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Craig Heberer is as a fishery biologist with NOAA's National Marine Fisheries Service (NMFS), Southwest Regional Office in Long Beach, California. He currently serves as the lead biologist for the Fishery Management Plan for U.S. West Coast Fisheries for Highly Migratory Species. He has 25 years of experience in fisheries management and research on tunas, billfish and sharks. He has eleven years of experience working on tuna fisheries management in the Federated States of Micronesia, Ecuador and Puerto Rico. Craig was born and raised in San Pedro, California, and grew up in the Croatian commercial tuna fishing industry.

Dan Hellin, Dan Hellin Consulting
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Dan Hellin is the owner of Dan Hellin Consulting, a coastal and ocean-management consulting company based in Corvallis, Oregon.

Mark Helvey, NOAA Fisheries
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Mark Helvey is the assistant regional administrator for sustainable fisheries with NOAA Fisheries, Southwest Region, in Long Beach, California. He holds a BS from the University of California, Santa Barbara, an MS from the University of Arizona, and an MBA from California State University, Long Beach.

Jennifer Hennesey, Washington State Department of Ecology
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Jennifer Hennesey is an ocean policy planner with the Washington State Department of Ecology. She coordinates a team of state agencies and works with a recently formed stakeholder group called the Washington Coastal Marine Advisory Council focused on improving ocean and coastal management for Washington's Pacific Coast. She is currently coordinating pre-planning efforts under the state's marine spatial planning law. She authored a report to the state legislature on how to advance marine spatial planning based on state law (January 2011) and Washington's Ocean Action Plan (2006). She assists the Washington governor's office in ocean policy issues on state, regional and national levels, including coordinating with coastal treaty tribes and implementation of the West Coast Governors Alliance on Ocean Health. Jennifer has a MS in marine resource management from Oregon State University and a BA from Whitman College.

Kaety Hildenbrand, Oregon Sea Grant
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Kaety Hildenbrand has been with Oregon Sea Grant for nine years, working on a variety of marine and coastal issues. Current project topics include wave energy, marine spatial planning, working waterfronts and collaborative fisheries research. She is a principal investigator on the Northwest National Marine Renewable Energy Center (NNMREC). Her educational background is in natural resources and marine education. Kaety grew up in Oregon in a commercial fishing family.

Laura Hoberecht, NOAA Fisheries
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Laura Hoberecht is the aquaculture coordinator for NOAA Fisheries Northwest Regional Office. In her current position, Laura coordinates with the various arms of NOAA involved in aquaculture-related work and the Northwest aquaculture industry, while also providing up-to-date science information to the public and to local, state, federal and tribal entities to enable an increase in sustainable domestic aquaculture production.

Guy Hoppen, Gig Harbor BoatShop

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Guy Hoppen grew up next door to his family's small boatyard on Gig Harbor's working waterfront. He has studied at the University of Washington and at Goucher College in Baltimore. He sailed a 26-foot Thunderbird sailboat to Alaska, where he and his wife bought their first commercial fishing boat. Currently Guy operates the 88-foot, family-owned fish tender *BERYL E* in Southeast Alaska during the summer salmon season and serves as president of the non-profit Gig Harbor BoatShop.

Jacque Hostler-Carmesin, Cher-Ae Heights Indian Community of the Trinidad Rancheria

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Jacque Hostler-Carmesin is the Chief Executive Officer of the Cher-Ae Heights Indian Community of the Trinidad Rancheria. She has project management and oversight responsibilities for the Trinidad Pier Reconstruction, the Harbor Planning Study, harbor business management and the Marine Life Protection Act. She sits on numerous committees including the National Ocean Council Governance Coordinating Committee and the Northern California Tribal Chairmen's Association. Jacque's collaborative and leadership skills as well as her knowledge of the marine environment and tribal resources enable her to represent Tribal Nations in California and across the Nation.

Bobbi Hudson, Pacific Shellfish Institute

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Bobbi Hudson is a research biologist for the Pacific Shellfish Institute, a nonprofit research organization in Olympia, Washington. Her primary research interests surround the ecosystem services of shellfish and valuation of those services. Having grown up in a commercial fishing family that worked the waters of Puget Sound and southeast Alaska, Bobbi has always been drawn to working waterfronts and commercial fishing communities.

David Hull, California Maritime Infrastructure Authority and Bank

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David Hull is currently the executive director of the California Maritime Infrastructure Authority. He has more than 30 years of experience in port, harbor and waterfront projects in California, including 15 years as CEO/ port director for the Port of Humboldt Bay. David has a BS degree in marine biology from California State University, Long Beach, and an MS degree in natural resources/ fisheries from Humboldt State University.

Jennifer Isé, NOAA Fisheries

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Jennifer Isé is a fishery policy analyst and branch chief in the Sustainable Fisheries Division of NOAA's National Marine Fisheries Service (NMFS), Southwest Regional Office in Long Beach, California. She has been with NOAA for more than 10 years, starting as a Presidential Management Fellow in the Office of Ocean and Coastal Resource Management. Most of her NOAA career has been with NMFS, where she has worked on national fisheries policy and legislation, West Coast salmon fisheries management and fisheries sustainability issues, and co-developed a NMFS oral history project and prototype for the Voices from the Fisheries Database. She earned her master's degree from the University of Washington School of Marine Affairs

Michael Jepson, NOAA Fisheries

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Michael Jepson is an anthropologist with NOAA Fisheries Southeast Regional Office in St. Petersburg, Florida. He is a member of the Gulf of Mexico Fishery Management Council's socioeconomic committee. He has conducted research on fishing communities in both the South Atlantic and Gulf regions of the United States for more than 20 years. His current interest — developing social indicators for fishery management — is described in several articles in the journals *Fisheries*, *Coastal Management*, *Marine Policy and Human Organization*. Additionally, his work on identifying and defining fishing communities has been instrumental in meeting the mandates of the Magnuson-Stevens Fishery Conservation Act for both the Gulf and South Atlantic regions.

Ellen Johnck, Bay Area Maritime Strategy

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Ellen Joslin Johnck is a sole proprietor providing project consultant services for environmental and cultural resources planning, permitting and management. These services also include government and community relations and political, legislative and funding strategies. Prior to establishing her business in 2009, Ellen was the founding executive director of the Bay Planning Coalition (1983–2011) and served dual roles as chief of staff and also consultant to the coalition's 200 San Francisco Bay business and industry members for permitting in-water and landside projects.

Peter Katich, City of Gig Harbor

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Peter Katich is a fourth-generation member of a Croatian fishing family from Gig Harbor. He worked as an urban planner for the City of Tacoma for 31 years, serving the last 10 years of that time as the city's land use administrator, managing the city's land-use permitting and environmental review functions. Currently, Peter is a senior planner for the City of Gig Harbor, where he has managed the update of the City's Shoreline Master Program in addition to working on a variety of other planning projects.

Sean Keithly, CollinsWoerman

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Sean Keithly is an associate planner and project manager with CollinsWoerman, with six years of experience working with communities to develop innovative planning strategies focused on sustainable economic development. His ongoing work leading the Swinomish Indian Tribe's waterfront economic development zone has included a comprehensive master planning effort, a business development program and market feasibility analysis.

Derek Kilmer, Congressman, 6th Congressional District, Washington State

Derek has a long history of leadership on the issues that matter most to the middle class. He received a bachelor's degree from Princeton University's Woodrow Wilson School of Public & International Affairs. Derek went on to receive a doctoral degree from the University of Oxford in England where he studied social policy with a focus on economic development. Derek worked as a business consultant for McKinsey & Company, helping Washington State businesses, non-profits, and government agencies run more efficiently. As Vice President of the Economic Development Board for Tacoma-Pierce County, Derek worked closely with hundreds of local small business owners and helped them create thousands of jobs. Derek went on to serve his community and be their voice in the Washington State Legislature. Derek worked to protect our environment by passing a bipartisan law to create jobs through investments in stormwater cleanup, Puget Sound restoration, and toxic site cleanup.

Shannon Kinsella, Reid Middleton

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Shannon Kinsella is a principal engineer with 22 years experience specializing in waterfront and port engineering. She has led waterfront projects from initial feasibility analysis and master planning to permitting, full design, cost estimating and construction inspection. Shannon's waterfront experience includes shore protection, breakwaters, marinas, commercial and industrial marine and port facilities, waterfront parks and public access facilities, boatyard and marine terminals, and coastal outfall design. She holds a BS in oceanography and civil engineering from the University of Washington, and an MS in coastal engineering from the University of Hawaii. She is a registered professional engineer in Alaska, Washington, Oregon, California and Hawaii, and a member of the American Society of Civil Engineers National Port and Harbor committee.

Geraldine Knatz, Port of Los Angeles

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In 2006, Dr. Geraldine Knatz became the first female executive director of the Port of Los Angeles, where she oversees the daily operations and internal management of the nation's number-one container port. Under Dr. Knatz's leadership, the Port of L.A. plans to invest \$1.2 billion in capital improvements through 2015. As the global trade landscape continues to evolve, her team is focusing on solutions-oriented approaches to meeting customer needs and expanding business opportunities through competitive operations, speed-to-market efficiency and outstanding customer service. Dr. Knatz is active in port development and environmental and policy issues both nationally and internationally. She was the chairman of the board for the American Association of Port Authorities (AAPA), and she is currently the president of the International Association of Ports and Harbors, which will hold its 28th World Ports Conference May 7 to 10 in Los Angeles.

Ed Knight, Swinomish Indian Tribal Community

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Ed Knight, AICP, is the senior planner for the Swinomish Indian Tribal Community in LaConner, Washington. Ed has 30-plus years in the public sector, including more than 10 years with the Swinomish Tribe and another five years with the Southern Ute Tribe in Colorado. In his work for the Swinomish Tribe, Ed oversees long-range planning, transportation planning, building permitting and forest management. His work with the Swinomish Tribe includes serving as the project manager for the Swinomish Climate Change Initiative, a landmark two-year project to study local climate change impacts and adaptation strategies. Ed holds a degree in social assessment and policy from Western Washington University.

Peter Knutson, Seattle Central Community College

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Pete Knutson's family business, Loki Fish Company, supplies farmers markets, co-ops and supermarkets with fish caught on their two fishing vessels in southeast Alaska and Puget Sound. His ancestors immigrated to Puget Sound from Norway in the early 20th century and became commercial boat builders in Ballard and Bellingham. He wrote his PhD dissertation at the University of Washington based on his work as a commercial fisherman and is a tenured professor of anthropology at Seattle Central Community College. In the early 2000s, he helped organize Seattle commercial fishermen to preserve Fishermen's Terminal as a home for the North Pacific fishing fleet. His public service currently includes commissioner on the Puget Sound Salmon Commission, board member of the Puget Sound Harvesters and member of the Port of Seattle's Fishermen's Terminal Advisory Committee.

Dave Kubiak, *Alaska Marine Conservation Council*
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Dave Kubiak is Board Chair of the Alaska Marine Conservation Council, where he works to help ensure a thriving and sustainable small boat fleet in the Gulf of Alaska. A Kodiak resident for the past 49 years, Dave is the owner-operator of the 44-foot *Mythos*, longlining halibut and jigging cod. His fishing experience includes salmon seining and gillnetting, and Dungeness, king and tanner crabbing. For the past 12 years, Dave's extensive research chartering has supported studies on everything from octopus, cod and pollock to sea lions and whales. He taught English at Kodiak High School for 22 years and served on the Kodiak Regional Aquaculture Board for 12 years. He did graduate coursework at Alaska Pacific University and holds a BA in English from California State University, Sacramento.

Susie Lahsene, *Port of Portland*
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Susie Lahsene manages land use policy and transportation capital strategy and fund acquisition for the Port of Portland's transportation system, terminals and industrial land base. She is currently managing the annexation and land use planning for more than 800 acres of property into the City of Portland for future port terminal development.

Katrina Lassiter, *Washington State Department of Natural Resources*
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Katrina Lassiter works for the Washington State Department of Natural Resources as an aquatic policy analyst focusing on marine spatial planning, legislative issues and policy development. Prior to joining the DNR, Katrina worked for the United States Congress on environmental, ocean and energy issues. She is a graduate of the University of Washington School of Marine Affairs.

Lewis Lawrence, *Middle Peninsula Planning District Commission*
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Lewis Lawrence coordinates and oversees all agency planning activities for the Middle Peninsula Planning District Commission in Gloucester County, Virginia. His work includes policy analysis, agency budgeting, environmental, economic, land use, social assistance and transportation planning.

Byung-Gui Lee, *Jeju Sea Grant Center*
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Professor Byung-Gu Lee has been a director of Jeju Sea Grant Center in South Korea since March 2012. He is also a professor in the College of Ocean Sciences at Jeju National University. He received two doctoral degrees in the fields of coastal oceanography and civil engineering. His current research field is coastal zone management problems related to climate change.

Sarah Lee, *Puget Sound Regional Council*
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Sarah Lee is the principal economic development manager for Puget Sound Regional Council. She began her career as a radio news anchor and reporter, worked in the Washington State Legislature and then as press secretary to U.S. Representative Al Swift. She has served as director of public affairs for the Environmental Protection Agency, Region X, and as vice president of an international multimedia company that developed educational programs in Asia. She has a bachelor's degree in journalism from Western Washington University and a master's degree in public administration from the Evans School of Public Affairs at the University of Washington. She sails as much as she can.

Jerry Leonard, *NOAA Northwest Fishery Science Center*
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Jerry Leonard is an economist at NOAA's Northwest Fisheries Science Center. His research areas include the development of models to analyze the economic impacts of fishery management alternatives and to investigate coastal community economic dependence on marine resources.

Jen Levin, *Gulf of Maine Research Institute*
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Jen Levin is the sustainable seafood program manager at the Gulf of Maine Research Institute, headquartered in Portland, Maine. In her work, Jen engages with seafood industry representatives, from fishermen and processors to retailers and restaurants, to implement sustainable seafood initiatives and build market reward for these efforts. Jen has a bachelor's in wildlife ecology and an MBA.

Roland Lewis, *Metropolitan Waterfront Alliance*
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Roland Lewis is President and CEO of the Metropolitan Waterfront Alliance. A lifetime New Yorker, Roland studied planning and law at Columbia and Rutgers Universities. After nine years as a partner at a law firm, he became Executive Director of Habitat for Humanity NYC where he guided it to become a national model of Habitat urban success. In 2007, Roland took the helm of MWA. Under his leadership, the MWA has organized a growing consistency for a vibrant, healthy and accessible waterfront, instituted programs to provide water access, and become the leading waterfront policy organization in the New York region.

Joe Lucente, Ohio State University Sea Grant College Program

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Joe Lucente is an assistant professor and extension educator in community and economic development with the Ohio State University Extension/ Ohio Sea Grant College Program. He is responsible for research, education and technology transfer of information concerning Lake Erie and the Great Lakes. His main responsibilities include developing and conducting an outreach education program on leadership development and capacity building, business retention and expansion, and related issues designed to improve the economic and environmental climate of the Lake Erie watershed. Clientele include economic development professionals, community development organizations, local governments, business associations and individual businesses.

Perry Lund, Washington State Department of Ecology

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Perry Lund is the manager of permitting and technical assistance with the Washington State Department of Ecology.

Rebecca Lunde, NOAA Coastal Services Center

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Rebecca (Becky) Lunde is the west coast regional coordinator for the NOAA Coastal Services Center in Oakland, California. She provides technical support and capacity-building services to coastal managers in Washington, Oregon and California. One of her primary focus areas is assisting state and local managers to incorporate climate change adaptation into their work. Previously, Becky worked with the State Coastal Conservancy as one of the first staff for the California Ocean Protection Council. Before moving to the West Coast, she was the outreach and training coordinator for the NOAA Pacific Services Center in Honolulu, Hawaii, and a fellow at the State of Hawaii's Coastal Zone Management Program. Becky graduated from the University of Charleston and Medical University of South Carolina with a master's in environmental studies, specializing in coastal issues.

Jacob Macias, Economic Development Administration

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Jacob Macias is an economic development representative for the EDA and is responsible for representing the agency in parts of the State of Washington and Arizona. He has more than 30 years of experience in economic development and planning.

Jason Mann, Island Institute

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As media director, Jason Mann works to develop and implement effective strategies for amplifying island voices and to expand the discussion of island and coastal sustainability to communities around the United States. Prior to joining the Island Institute, he was a documentary filmmaker. He lives on the island of North Haven, Maine, with his wife, two children and dog.

Brian Mannion, Vigor Industrial

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Brian Mannion started working for Vigor Industrial in 2012 after working for the Oregon Department of Environmental Quality. He has a BA in journalism from Syracuse University and an MA in urban geography from the University of London. Vigor Industrial operates six ship repair and construction yards in Oregon, Washington and Alaska, with their largest yards on Harbor Island in Seattle and Swan Island in Portland, Oregon. Vigor Industrial's recent vessel deliveries include ferries for Washington State DOT, barges for ocean and river service, and fishing vessels.

Andrea Martin, Cascadia Consulting Group

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Andrea Martin, associate at Cascadia Consulting Group, develops and employs customized analytical tools and techniques to provide policy guidance and decision-support assistance to public and private sector clients, both domestic and international. Her focus areas include climate change adaptation and resource conservation. Prior to working at Cascadia, Andrea conducted field research on the adaptive responses of wetland and forest ecosystems to climate change and nutrient loading at Smithsonian Environmental Research Center and Duke University. Most recently, Andrea worked with the Conservation Trust of North Carolina to evaluate policy options for improved water quality and flood risk reduction for the Upper Neuse River Basin watershed. She holds a master's degree in environmental economics and policy from Duke University's Nicholas School of the Environment and a BS in biology from the University of North Carolina at Chapel Hill.

Joe Martinac, Jr., J. M. Martinac Shipbuilding Corporation

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A third generation shipbuilder, Joe Martinac, Jr., carries on his family maritime industry legacy as president of the almost 90 year-old J.M. Martinac Shipbuilding Co. Located at its original location on the Thea Foss Waterway, Martinac has built more than 300 vessels through the years including tuna seiners, trawlers and seiners, tugboats, ferries, yachts, U.S. Coast Guard patrol boats and a research sailing vessel.

Jennifer McCann, Rhode Island Sea Grant and University of Rhode Island

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Jennifer McCann is the director of extension programs for Rhode Island Sea Grant and also serves as the director of U.S. coastal programs at the University of Rhode Island Coastal Resources Center. McCann is a principal investigator and management team member of the Ocean Special Area Management Plan (SAMP), a state regulatory effort to comprehensively zone state waters regarding existing and potential ocean uses, including offshore alternative energy resources. McCann is also the program manager for the national effort to develop monitoring protocols and modeling tools for improved management of offshore renewable energy. Jennifer guides coastal management efforts on Aquidneck Island, in Rhode Island's urban city and port areas, and is working with team members to address coastal management issues in the context of global climate change on regional, national and international scales.

Maureen Meehan, North Carolina Division of Coastal Management

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Maureen Meehan is the district planner in the North Carolina Division of Coastal Management's Morehead City District Office. She has worked with more than 20 communities in the preparation and evaluation of land use plans under the state's coastal program. In addition, she is grant administrator for the Public Beach and Waterfront Access Program. Prior to joining the Division of Coastal Management, Maureen worked as a senior planner in Monroe County, Florida. She holds a master's degree in city and regional planning from the Ohio State University and is team lead of the Governors' South Atlantic Alliance Working Waterfronts Issue Area Technical Team.

Don Meyer, Port of Tacoma Commission

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Don Meyer, retired executive director of the Foss Waterway Development Authority, was elected to the Port of Tacoma Commission in 2009 and currently serves as president. He has had a long, distinguished career in government and economic development and was formerly deputy director of the Washington State Budget Office and the Port of Tacoma.

Paul Meyer, Port of Seattle

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Paul Meyer has managed the Port of Seattle stormwater and hazardous material and permit compliance and environmental review and permitting for the past six years. Other responsibilities include implementation of several port environmental green initiatives, including energy efficiency, habitat construction and development of sustainable design guidelines for marine ports. Prior to working at the port, Paul was a geologist for local government and for the metals mining industry.

Stacia Miller, Environmental Policy & Engagement Consultant

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As former flood and coastal engagement manager, Stacia Miller led the United Kingdom Environment Agency's engagement efforts during the Pagham to East Head Coastal Defense Strategy and the resulting Medmerry managed realignment scheme. She has recently returned home to the Pacific Northwest and works as an engagement advisor and facilitator on environmental issues.

Steve Moddemeyer, CollinsWoerman

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Steve Moddemeyer is a principal for CollinsWoerman, an architectural, planning and urban design firm based in Seattle, Washington. Steve is known nationally and internationally for his work advising cities, developers, tribes and large institutions on advanced strategies for sustainable and resilient land use and infrastructure.

Danielle Molnar, NOAA Fisheries Coastal Services Center

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Danielle Molnar is a project leader for Economics: National Ocean Watch (ENOW), an economic time-series dataset produced by the NOAA Coastal Services Center (CSC). Danielle also leads several other national projects related to coastal hazards and resilience at CSC.

Patty Murray, U.S. Senator, Washington State

As Washington state's senior senator, Patty Murray has a proven track record spanning more than two decades of fighting for Washington families in the United States Senate. Serving as a member of Senate Democratic leadership since 2007, Patty has established herself as a tireless and effective leader on education, transportation, budget issues, port security, healthcare, women, and veterans issues. In addition to being the first female senator from Washington state, Patty served as the first female chair of the Senate Veterans' Affairs Committee during the 112th Congress and currently serves as the first female chair of the Senate Budget Committee.

As a unique voice in the United States Senate, Patty is known for her down-to-earth, determined style. She's been called "a workhorse, not a show horse" by the *Seattle Post-Intelligencer* for her intense, behind-the-scenes efforts to get the job done. She has also been described as "tenacious" in her work to address Washington state's needs by the *Seattle Times*. Patty is often looked to by colleagues and the media in Washington, D.C., for her ability to articulate how complex issues affect every day American families.

*Thomas Murray, College of William and Mary,
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Tom Murray currently holds a faculty appointment in Marine Business and Coastal Economic Development at the Virginia Institute of Marine Science's Graduate School of Marine Science at the College of William and Mary. He is also the associate director for advisory services at VIMS as well as the Virginia Sea Grant's marine extension program leader.

*Diane Oshima, Assistant Director, Waterfront
Planning, Port of San Francisco*

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Diane Oshima oversees the port's planning unit, which prepares and applies planning and land use policies carried out in diverse maritime, industrial, commercial, residential, institutional, public park and historic rehabilitation projects. This includes conducting community planning and entitlement reviews and approvals.

Allison Osterberg, Thurston County

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Allison Osterberg is a graduate student in environmental studies at the Evergreen State College in Olympia, Washington. She is an associate planner with Thurston County.

*Niki Pace, Mississippi-Alabama Sea Grant Legal
Program*

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Niki L. Pace is senior research counsel for the Mississippi-Alabama Sea Grant Legal Program and an adjunct professor at the University of Mississippi School of Law. Niki works on environmental law issues related to coastal and marine environments including working waterfront planning for local governments. She teaches courses in land use, climate change, and energy law.

Christina Package, NOAA Fisheries

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Christina Package is an anthropologist with NOAA Fisheries' Southeast Regional Office, St. Petersburg, FL. She conducts social impact assessments of fishery management plans. She has been involved in fishing communities research for 11 years. Prior to coming to the Southeast Regional Office in 2011, she worked studying Alaskan and Oregon fishing communities as a contract Anthropologist at NOAA Fisheries' Alaska Fisheries Science Center and as a graduate student at Oregon State University.

Clare Petrich, Tacoma Maritime Fest

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Working waterfront multi-tasker, Clare Petrich owns and operates the Petrich Marine Dock on the Thea Foss Waterway, former site of her family's longtime shipbuilding company. Active in shoreline development issues through the years, she was first elected to the Port of Tacoma Commission in 1995 and established and coordinated the Tacoma Maritime Fest for 25 years until 2012.

Kapena Pflum, BERK Consulting

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Kapena Pflum is a senior economic and policy analyst. He has significant experience in economic development and cluster strategies, regional market analysis and demographics, and fiscal modeling. He holds a certificate of commercial real estate from the University of Washington, and received his MPA from the UW's Evans School of Public Affairs. Kapena has assisted public agencies across a range of economic development and land use projects affecting waterfronts.

Patricia Pinto da Silva, NOAA Fisheries

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Patricia Pinto da Silva is Director of NOAA's Voices from the Fisheries Project. Since early 2003, Patricia Pinto da Silva has been a Social Scientist for NOAA Fisheries at the Northeast Fisheries Science Center in Woods Hole, Massachusetts, where her research has focused on the role of fishermen's organizations in the management of marine resources in the Northeast US, and she is a member of the New England Fisheries Management Council's Statistical and Scientific Committee. A current project is focused on documenting Portuguese fishermen's experience in the New Bedford, Massachusetts, area through oral history. Pinto da Silva holds a Masters degree in Social Policy and Planning in Developing Countries, and PhD in Social Policy from the London School of Economics (2002).

Beth Pollack, Virginia Coastal Zone Program (CZM)

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Beth Pollack is a planner with the Virginia CZM Program and works with regional and local governments to protect and manage coastal resources. She is currently directing Virginia CZM's efforts to protect working waterfront infrastructure in Virginia. Beth recently served on the technical advisory committee for the 2013-18 update of the Virginia Outdoors Plan, addressing recreational access of Virginia's waterfronts. Beth received a bachelor's degree in public relations from the University of Georgia, a diploma in environmental economics and Environmental Management from the University of York, UK, and a master of environmental management from the University of South Carolina.

Carrie Pomeroy, California Sea Grant

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Carrie Pomeroy is a social scientist whose work focuses on the social, economic and cultural aspects of fisheries and marine ecosystems as they affect and are affected by management. For 17 years, her work has addressed fisheries, fishing communities and associated marine policy in California. As a California Sea Grant Extension Advisor, she conducts research, education and outreach to document and improve understanding of the human systems associated with California's fisheries and fishing communities, and to facilitate the application of this understanding at all levels of governance.

Henry Pontarelli, Lisa Wise Consulting, Inc.

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Henry Pontarelli brings over 18 years of business management experience to his work. Henry managed distribution networks in Latin America for Anixter Brothers, a \$2.5 billion distributor of wiring system products, Newell International, a \$2.5 billion manufacturing group, and Brown Dreyfuss International, an export marketing company in New York City. Domestic experience includes eight years with BioMed Plus, a Miami-based distributor of plasma derivatives. At LWC, Henry focuses on economic analysis and strategic planning. Henry was the Project Director for the Morro Bay/Port San Luis Commercial Fisheries Business Plan, a year-long project aimed at revitalizing San Luis Obispo County's commercial fishing industry.

Ron Popham, Port of San Diego

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Ron Popham joined the Port of San Diego on June 30, 2003 as the Senior Director of the Maritime Division at the Port of San Diego. He currently is Principal, Maritime Trade Development. Ron is a 41-year veteran of international shipping and the port industry. He began his career in the private sector in 1972 in San Francisco, California and worked for 21-years in line management, sales/marketing, and administration with several steamship agencies and ocean carriers.

David Porter, Economic Development Representative

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David Porter is the economic development representative whose service area includes Oregon and southern counties in Washington from Clark County to the Idaho border. In addition to having worked with NOAA, he has 21 years of senior-level experience in five different economic development venues.

Rebecca Reuter, NOAA Fisheries Alaska Fisheries Science Center

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Rebecca Reuter is currently a communications specialist for the NOAA Fisheries Alaska Fisheries Science Center. Born and raised in Chicago, she attended and graduated from the University of Chicago with a degree in biology. An aspiring marine biologist, she moved to California and began her graduate career at California State University's Moss Landing Marine Laboratories, graduating with an MS in marine sciences. Her relationship with NOAA began in 1994 when she was an observer collecting data on commercial fishing boats in Alaska, and then progressed from contractor to a full-time research fisheries scientist in 2000.

Amber Rhodes, NOAA Fisheries

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Amber Rhodes is a fisheries policy analyst with the Sustainable Fisheries Division of NOAA's National Marine Fisheries Service (NMFS), Southwest Regional Office in Long Beach, California. She holds an MS in marine science and an MPA from the University of North Carolina at Wilmington. In her current position with the Ecosystem Assessment Branch, Amber's primary areas of research pertain to human dimensions in fisheries, for example, allocation mechanisms as they relate to effective resource governance and the implications of market trends for sustainable seafood production and consumption.

Keith Rizzardi, Marine Fisheries Advisory Committee

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Keith Rizzardi is chairman of the Marine Fisheries Advisory Committee, a federal committee that advises the Secretary of Commerce on matters related to living marine resources. A law professor at St. Thomas University, he teaches administrative law, environmental law, professional ethics and negotiation. Previously, he served as legal counsel to the U.S. Department of Justice and the South Florida Water Management District. He has litigated dozens of disputes over endangered species, fisheries management and water law from the Florida Everglades to the South Pacific.

Ken Saunderson, Seattle Maritime Festival

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Former producer and coordinator of the successful Seattle Maritime Festival, Ken Saunderson has been an active marketing consultant and business owner for the past 25 years. He has developed world-class marketing programs for clients including the Downtown Seattle Association, Argosy Cruises, Pacific Marine Expo, Ivar's Restaurants, Seattle Aquarium, Nordstrom, Martin Selig Real Estate and many more.

Steve Scheiblaue, *City of Monterey Harbor*

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Steve Scheiblaue first worked as an ocean lifeguard, then as harbor master at Santa Cruz Harbor, California for nearly 20 years, followed by managing the City of Monterey's harbor since 1995. He has been deeply involved in work to understand and educate the public on the cultural and economic importance of ocean activities to the larger communities, particularly working with commercial and recreational fishermen and anglers.

Andrew Schwartz, *Environmental Planning & Design, LLC*

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Andrew (AJ) Schwartz has worked extensively on natural resource assessments, comprehensive recreation plans, park and trail master plans, recreation feasibility studies and strategic plans for recreation-oriented projects. Some specific facilities in these documents include: passive conservation and open space areas; waterfront parks and marinas, plazas; hiking, biking and walking trails; and ball fields. From this project diversity, he has developed special skills in environmental assessment, program conceptualization, resource optimization and plan implementation, and management. AJ received his bachelor's degree in landscape architecture from the Penn State University in 1989 and was awarded the National Student Design Honor Award by the American Society of Landscape Architects.

Brady Scott, *Washington State Department of Natural Resources*

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Brady Scott is an aquatic district manager for the Washington State Department of Natural Resources. He is responsible for managing state-owned aquatic lands around the Olympic Peninsula and Whidbey Island and oversees aquaculture leasing throughout Puget Sound. Brady holds a master's degree in public administration, a bachelor's degree in marine biology and has worked in the field of natural resource management for more than 15 years both in Alaska and Washington State.

Morgan Shook, *BERK Consulting*

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Morgan Shook is a senior analyst and strategist focused on economic development and community sustainability. He advises local governments on a broad range of issues covering taxation, public service delivery, land use, economic development, transportation and infrastructure funding. Morgan received his MA in Urban and Regional Planning from Portland State University's School of Urban Studies and Planning. Morgan graduated from the University of Puget Sound with a BS in molecular biology and has a certificate in commercial real estate development from the University of Washington. Morgan currently serves on the Seattle Planning Commission.

Richard Sinkoff, *Port of Oakland*

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Richard Sinkoff is the director of environmental programs and planning for the Port of Oakland, where he leads efforts to ensure the highest standards of regulatory compliance and environmental performance; improve responsiveness to environmental concerns raised by the community and port customers; increase the port's capacity to respond to emerging environmental regulations, policies and conditions; and promote the port's strategic alignment efforts.

Patty Snow, *Oregon Department of Land Conservation and Development*

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Patty Snow is the manager of the Oregon Coastal Management Program in the Department of Land Conservation and Development in Salem, Oregon, which is the statewide land use-planning agency. Her responsibilities include support of the West Coast Governor's Alliance for Ocean Health. She joined the department in 2011 after working on land-use and waterway issues for the Oregon Department of Fish and Wildlife for 21 years. Prior to that, she worked with DLCD's Coastal Program as a coastal specialist and coastal permit specialist. She has a bachelor's degree in biology and a master's degree in marine resource management.

Lita Dawn Stanton, *City of Gig Harbor*

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Lita Dawn Stanton was born and raised in Gig Harbor. Her grandparents emigrated from Croatia at the turn of the century to join other settling families who found the tiny harbor well suited for fishing and boatbuilding. Schooled in fine art and realism at the prestigious Rhode Island School of Design, her current work as historic preservation officer for the City of Gig Harbor relies on the power of visual communications and the adage "a picture is worth a thousand words."

Hobie Stebbins III, *Lake Union Drydock*

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Hobie Stebbins III is the third generation of Stebbinses to work at Lake Union Dry Dock (LUDD). Lake Union Dry Dock has been building and repairing ships on Lake Union since 1919. It is currently the last shipyard on an all-wooden dock in the City of Seattle. Its primary customers are large fishing vessels and work boats. Located in the Eastlake neighborhood, LUDD has been able to maintain its position as an active ship repair yard, even as biotech and technology firms continue to develop all around it.

Stephanie Jones Stebbins, Port of Seattle

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Stephanie Jones Stebbins oversees environmental and planning programs for the Seaport Division of the Port of Seattle. These include programs in air and water quality, cleanup of contaminated sediments and upland sites, environmental review and permitting for port development projects, and facility and land use planning.

Jennifer Steger, NOAA Restoration Center, Northwest and Alaska Region

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Jennifer Steger is an ecologist and the Northwest and Alaska regional supervisor for the NOAA Fisheries Restoration Center housed in the Office of Habitat Conservation. She has bachelor's degrees in biology and chemistry from Immaculata University and a master's in environmental science and geography from the University of Connecticut. Jennifer worked as environmental consultant until joining the NOAA Corps in 1990, serving as an LT and navigation officer for three of the NOAA ships including the *Miller Freeman*, the *Worthy* and the last cruise of the NOAA ship *Surveyor* to the Antarctic. She joined the Restoration Center in 1994 as a project manager, ecologist and case manager and has since facilitated habitat restoration in the Northwest and Alaska region through community partnerships and settlement negotiations with potentially responsible parties. Under Jen's tenure, the Northwest and Alaska Region have grown to staff of 14, resulting in dozens of settlements and tens of thousands of acres of habitat restoration.

Scott Steltzner, Squaxin Island Tribe

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Scott Steltzner has been a fisheries biologist with the Squaxin Island Tribe of South Puget Sound for the past 10 years. His research interests include early marine survival of salmonids and assessment of nearshore habitats. He holds a degree in marine biology from San Diego State University.

Melissa Stevens, The Nature Conservancy

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Melissa Stevens is the outgoing coordinator for Faces of California Fishing and incoming project director for the Sustainable Fisheries Initiative of the Nature Conservancy in California. Most of her projects over the last 10 years have involved the use of oral sources from fishery participants, whether to document fishing knowledge or to understand the impacts of environmental, social or regulatory changes to fisheries and communities.

Suzanna Stoike, West Coast Governors Alliance

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Suzanna Stoike joined the West Coast Governors Alliance as a Sea Grant Fellow in March 2011. Prior to this two-year fellowship, Suzanna worked as a project coordinator at the Port Orford Ocean Resource Team, a small nonprofit on the southern Oregon coast, as well as operations manager for Port Orford Sustainable Seafood. Suzanna has a BS in marine science and biology from Coastal Carolina University in South Carolina and a master's in marine resource management from Oregon State University. For her thesis, she worked closely with scientists, fishermen and resource managers on a collaborative fisheries project in Port Orford looking at movement and survival of rockfish in the near-shore environment. In her current position as a WCGA fellow, Suzanna works closely with three of the WCGA's action coordination teams in implementation of their work plans, participates as a founding member of the National Working Waterfront Network and helped coordinate this national symposium, among other tasks.

Joshua Stoll, NOAA Fisheries

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Joshua Stoll is a policy analyst in NOAA Fisheries' Office of Policy in Silver Spring, Maryland. Starting as a Knauss Fellow, he has worked in the Office of Policy for two years. Prior to coming to NOAA, Josh worked with fishermen in North Carolina, helping them establish a successful cooperative and community supported fishery (CSF). While at NOAA Fisheries, he has worked on a range of national fisheries policy issues, but remains most interested finding ways to support the small-scale commercial fishing sector. He received a master's degree from Duke University, Nicholas School of the Environment.

Marilyn Strickland, Mayor, City of Tacoma, Washington

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Marilyn Strickland was sworn in as Mayor of Tacoma in January 2010, and previously served as a city council member. Born in Seoul, Strickland is a graduate of the University of Washington and holds a Master's Degree in Business Administration from Clark-Atlanta University. She and her husband Patrick Erwin live in the downtown. Mayor Strickland has professional experience in both the private and public sectors. She served as Development Officer for the Tacoma Public Library and has held management positions with the American Cancer Society, Starbucks Coffee Company and JayRay Communications where she worked with Tacoma Public Utilities to help launch Click!Network, America's first municipally owned telecommunications network.

Brian Thomas, Kvichak Marine Industries

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Brian Thomas has been with Kvichak Marine Industries for 30 years and helped it grow from a shop in a two-car garage to major boat building company with production at two sites: Fremont, on the Seattle Ship Canal, and in Kent. Kvichak builds aluminum work boats and passenger vessels in its Fremont yard and builds high-speed patrol boats for the U.S. Coast Guard and other agencies in its Kent facility.

Jody Thompson, Mississippi-Alabama Sea Grant

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A native of Mobile, Alabama, Jody Thompson has worked in natural resources planning and extension in coastal Alabama since 1999. She has coordinated projects and authored management plans for several coastal Alabama watersheds and has provided facilitation through the Mississippi-Alabama Sea Grant Consortium for the Alabama Working Waterfronts Coalition. She provides extension and outreach on coastal resiliency and water quality issues to the communities along the Gulf Coast, and is currently the Regional Outreach Coordinator for the implementation of the Coastal Community Resilience Index. Jody holds her BS degree from the University of Alabama, and her MS from the University of South Alabama.

April Turner, South Carolina Sea Grant

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April joined the South Carolina Sea Grant Consortium in 2000 as the coastal communities specialist to develop and implement outreach education programs on important coastal issues, such as land-use change and coastal growth, water resource protection, and sustainable resource management for South Carolina's eight coastal county region. She provides training and technical assistance for coastal decision-makers, including elected and appointed officials, planning staff, engineers, as well as other professionals, private nonprofit organizations, and the public. Prior to joining the S.C. Sea Grant Consortium, April worked for the South Carolina state coastal management agency as a planner for the Charleston Harbor Project Special Area Management Plan and for the Office of Ocean and Coastal Resource Management Planning Division. She received her BA in geography from the University of Colorado and a Master of Parks, Recreation, and Tourism Management from Clemson University.

Heather Wade, Texas Sea Grant

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Heather Wade is a coastal planning specialist with Texas Sea Grant and the Mission-Aransas National Estuarine Research Reserve. Heather provides urban planning expertise and support to Texas coastal communities through education, outreach and technical assistance. Heather has a BS in environmental studies and a master of urban and regional planning from Texas A&M University. She will begin working on her PhD in coastal and marine systems science in the summer of 2013.

Kenneth Walker, NOAA Office of Ocean and Coastal Resource Management

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Kenneth Walker is a program analyst with NOAA's Office of Ocean and Coastal Resource Management. He works on a variety of coastal community issues including coastal smart growth, waterfront revitalization, and working waterfront issues. Kenneth holds planning degrees from the University of North Carolina and University of Virginia.

Anne Wessells, University of Washington Tacoma

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Anne Wessells is an assistant professor in the Urban Studies Program at the University of Washington Tacoma. As a planning scholar, her research is focused on urban politics and the policy process, particularly around issues of urban sustainability and waterfront redevelopment.

Johnny Williams, Williams Boat Service

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John Williams is a third generation party boat operator in Galveston, Texas. He graduated from Ball High School in Galveston, Texas, in 1967. He received his associate degree from Galveston College in 1969, then went on to earn his BBA at Lamar University in 1971 and his MBA from SMU in 1973. John has been a captain for more than 40 years. He is a past member GMFMC Reef Fish AP and past chairman GMFMC Red Snapper AP.

Erin Wilson, Oregon State University

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Erin Wilson is a graduate student in the Marine Resource Management program at Oregon State University. She has experience working with various organizations, such as the Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO) and the Oregon Department of Fish and Wildlife. She has collaborated on several projects, including biological monitoring, content analysis and ethnographic research on fishing communities. Erin is currently working on research that examines the rule-making process for community fishing associations, and its implications for waterfront communities.

Mike Wilson, HWR Engineering and Science

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Mike Wilson is a registered professional environmental engineer and elected commissioner for the Humboldt Bay Harbor Recreation and Conservation District in Northern California. Mike has more than 22 years experience as a consultant specializing in integrated site design, project management and bioengineering. He is currently owner and project engineer at HWR Engineering and Science in Arcata and is also an active board member of the Redwood Regional Economic Development Commission, Humboldt County Workforce Investment Board and Friends of the Dunes.

Anna Zivian, Ocean Conservancy

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Aнна Zivian, PhD, is senior manager of coastal and marine spatial planning at Ocean Conservancy, working on successful implementation of the national ocean policy through regional ocean-use planning. Anna's doctoral research looked at the intersection of policy, science and society. Anna was also a local elected official in Colorado for 10 years.



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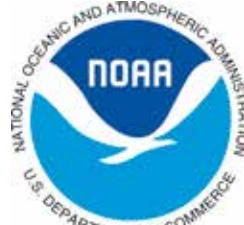
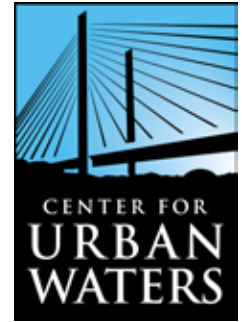


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