

# Green Boats and Ports for Blue Waters IV Workshop

Portland Marriott Downtown Waterfront  
1401 SW Naito Parkway, Portland OR 97201

August 29 & 30, 2018

## Agenda

### Wednesday, August 29, 2018

8:30 AM	<b>Workshop Check In and Coffee - Mount Hood Room</b>		
	<b>Presentation Title</b>	<b>Presenter</b>	<b>Affiliation</b>
9:00 AM	Welcome Remarks & Introduction	Roberta Marinelli	Dean of the College of Earth, Ocean, and Atmospheric Sciences, OSU
9:20 AM	History of the Green Boats & Ports Initiative	Bruce Corliss	University of Rhode Island/Graduate School of Oceanography
9:40 AM	Featured Speaker -Trading in U.S. Waters: USCG Pollution Prevention Programs	John Morris	U.S. Coast Guard
10:20 AM	<b>Break</b>		
10:30 AM	<b>Session I</b>		
10:30 AM	Zero-V: A Hydrogen Fueled Research Vessel	Bruce Appelgate Timothy Leach	Scripps Institution of Oceanography Glosten
10:50 AM	Sail Assist Research Vessels	Peter B. Ortner  Kim Desenberg & Colin Moore	Cooperative Institute for Marine & Atmospheric Studies, Rosenstiel School of Marine and Atmospheric Science, University of Miami  Wylie Design Group
11:10 AM	Digitalization and Maritime Autonomy	Andrew Ziegwied	ASV Global, Scientific Sales Manager
11:30 AM	<b>Session I - Q &amp; A</b>		
11:45 AM	<b>Lunch</b>		

1:00 PM	<i>Afternoon Featured Speaker - Climate Change, Oceans &amp; Sustainability</i>	Jonelle Simunich	ARUP
1:40 PM	<b>Session II</b>		
1:40 PM	Shipboard Power Quality Problems: What it is, What causes it, Effects of it, and Available technologies to correct it	Michael Gaffney	Navis Energy Management Solutions
2:10 PM	Integrated Power and Energy System for Research Vessels	Christopher Toft	Marine Business Development, Siemens Industry
2:30 PM	Re-Powering the R/V RACHEL CARSON	Chris Grech	Monterey Bay Aquarium Research Institute
2:50 PM	<b>Break</b>		
3:10 PM	Part 1: Caterpillar EPA Tier-4 and IMO III Emissions Solutions for Research Vessels	Barrett Carpenter	Technical Marine Sales Engineer - Peterson Power Systems
	Part 2: CAT Propulsion Green Solutions for Research Vessels	Enrique Aponte	West Coast Territory Sales Manager - Caterpillar Marine Inc.
3:30 PM	Green Marine – Environmental Certification Program	Eleanor Kirtley	Green Marine
4:00 PM	The Human Side of Environmental Compliance- Training, Tools, and Techniques	Brittany Anderson	NOAA, Marine Operations, Environmental Management Branch
4:20 PM	<b>Session II Q &amp; A</b>		
4:40 PM	<b>Day-1 Closing Remarks - OSU</b>		
5:00 PM	<b>Reception &amp; Poster Session</b>		
6:15 PM	<b>Workshop Dinner</b>		

**Thursday, August 30 2018**

8:30 AM	<b>Coffee</b>		
9:00 AM	Welcome - Day 2 Opening Remarks	Don Hilliard	Oregon State University
9:10 AM	<b>Session III</b>		
9:10 AM	Use of Pervious Pavement at Marine Terminals	Richard Vincent	Manager, Environmental Planning - Port of Portland
9:30 AM	Port-operated systems for automated vessel underwater noise measurement	David Hannay	Jasco Applied Sciences
9:50 AM	PANOLIN, GREENMARINE Technology	Brandon Rymer	Regional Sales Manager, East Coast – PANOLIN AMERICA
		Dominic Losco	Regional Sales Manager, West Coast – PANOLIN AMERICA
10:20 AM	<b>Session III Q&amp;A</b>		
10:40 AM	<b>Break</b>		
11:00 AM	<b>Session IV</b>		
11:00 AM	Operations in the Southern Ocean	Chris Chuhuran	Research Vessel Program Manager, Antarctic Support Contract - Leidos
		Laura Elliott	Senior Environmental Engineer, Antarctic Support Contract - Leidos
11:20 AM	UNOLS Greening Projects Report	Don Hilliard	OSU
11:40 AM	<b>Workshop - Open Discussion</b>		
12:00 PM	<b>Closing Remarks - OSU</b>		
12:15 PM	<b>Adjourn</b>		