

OCEAN LITERACY BEYOND THE BROCHURE- A SUMMIT



Agenda

September 13, 2009

Oregon Coast Aquarium

Newport, Oregon

9:30 - 9:45 AM

Summit Introduction

9:45 - 10:30 AM

Intro to Ocean Literacy- A Panel Discussion

This Intro to Ocean Literacy panel will bring together Sarah Schoedinger, Senior Program Manager for NOAA's Office of Education; Nancee Hunter, Director of Education for Oregon Sea Grant; Kerry Morgan, Director of Public Programs with the Oregon Coast Aquarium; Gene Williamson, retired science teacher and NAME representative; and Michiko Martin, the Division Chief for Education and Outreach for the National Marine Sanctuary System. This session will help to lay the groundwork for further discussion on ocean and climate literacy. The Panel will update the group on national and local ocean literacy initiatives and will touch upon the current challenges and opportunities in both formal and informal education with regard to educating the public to make informed, responsible decisions about the ocean and its resources. The Panel will also address formal and informal educational activities and discuss ways to facilitate links among federal, state, local and non-governmental programs designed to enhance ocean literacy and stewardship.

10:30 - 11:00 AM

West Coast Governors Agreement on Ocean Health

Jessica Hamilton, Policy Advisor to Oregon Governor Ted Kulongoski, will give an overview of the West Coast Governors' Agreement on Ocean Health, a historic pledge by California, Washington, and Oregon governors to work together on sustainable ocean management of their common coast. Numerous tri-state working groups, or "Action Coordination Teams (ACTS)", have been developing plans for implementing the ocean agreement. One of these ACTs, called "Ocean Awareness and Literacy," has designed an exciting strategy for educating students and the general public about the wonders of the ocean.



**OREGON COAST
AQUARIUM
NEWPORT**



11:00 - 11:45 AM

Making the Connection-Ocean and Climate Literacy

Future climate change and its impacts depend on choices made today. To reduce greenhouse gas emissions, avert the worst potential consequences, and prepare for the impacts that can no longer be avoided, the United States and other countries must constructively engage millions of people and thousands of organizations in climate change solutions. Responses involve reducing emissions to limit future warming, and adapting to the changes that are unavoidable. (USGCRP, 2009). There is much less public awareness of climate change's impacts on the ocean and the critical role the ocean plays in the Earth's climate system (Yale/GMU, 2009, The Ocean Project, 2009). To close this gap, the climate literacy (USGCRP, 2009) and ocean literacy (Ocean Literacy Initiative, 2005) efforts were developed ensure a ocean and climate literate nation. This session will explore how these two literacy initiatives can compliment each other as the ocean and climate challenges continue to merge over the next couple of years. Frank Niepold, Education Director for NOAA's Climate Office will present this session.

11:45 - 12:30 PM

Success Stories of Oceans Literacy and K-12 Education Panel

Integrating Ocean Literacy principles into formal education programs involves work at a variety of levels and using multiple techniques and approaches. Our panel will share success stories from activities with roots deep in the history of marine education to some of the most innovative distance learning and inquiry-based approaches. Panelists include Trish Mace, Coordinator for the GK-12 program at the University of Oregon, Institute of Marine Biology; Joy Tally, Education Specialist for South Slough National Estuarine Research Reserve; Dawn Hayes, Education and Outreach Coordinator for the Monterey Bay National Marine Sanctuary; Kate Thompson, National Education Coordinator for the Office of National Marine Sanctuaries, Tracy Crews, Marine Education Coordinator for the Hatfield Marine Science Center, and Tom Gaskill, Education Coordinator for South Slough National Estuarine Research Reserve. The panel will highlight successful approaches and also some of the challenges in bringing ocean literacy into the formal education environment.

12:30- 1:15 PM	Lunch
1:15 - 1:45 PM	Success Stories of Oceans Literacy and K-12 Education Panel-Continued
1:45 - 3:00 PM	<p>Success Stories of Oceans Literacy and Informal Education Panel</p> <p>The vast majority of what we know about the ocean does not come from the classroom but from a variety of free-choice learning experiences including TV, magazines, the internet, Aquariums, and just being near or in it. How do these experiences shape our understanding and how successful are our targeted programs? Shawn Rowe from Oregon State University, Craig Strang of University of California at Berkeley, Andy Collins, Education Coordinator for the Papahānaumokuākea Marine National Monument, and Claire Fackler, National Education Liaison from NOAA's Office of National Marine Sanctuaries will present case studies on a social marketing campaign and visitor center exhibits, aligned with ocean literacy principles as well as the Communicating Ocean Sciences to Informal Audiences trainings. From this discussion we will learn how we can successfully communicate about the ocean in informal settings.</p>
3:00 - 3:15 PM	Break
3:15 - 3:45 PM	<p>Beyond the Brochure: Next Steps</p> <p>“The Ocean’s biggest problem isn’t what we put into it or what we take out of it. It’s what we don’t know about it.”/ -- Dr. Sylvia Earle. The Ocean Literacy Principles represent our first broadly-coordinated attempt at consensus on what constitutes adequate knowledge about the ocean. Now that the community of ocean educators has articulated the “what,” by what means do we address the “how?” This session explores successes and failures we’ve undertaken -- as individual programs and networks -- in moving from ideas to action, principles to practice, and abstraction into concrete understanding.</p>
3:45 - 4:45 PM	Beyond the Brochure: Break-out Sessions
4:45 - 5:30 PM	Wrap up- Break-out Group Reports
5:30 PM	End- Tour of Aquarium with Reception to Follow at 6:30

Please join us following the summit for a reception with Boyd Matson of Wild Chronicles.



YOU
ARE CORDIALLY
INVITED... to attend

AN EVENING WITH
BOYD MATSON
OF WILD CHRONICLES

To Define Ocean Literacy Through Film,
and to Feature Wild Earth: Deep Ocean Safari

6:30 - 7:30 pm: Hors D'oeuvres,
Oregon Wine and Beer Reception
7:30-8:30 pm: Evening Program
Sunday, September 13, 2009
Oregon Coast Aquarium

Hosted by: The National Marine
Sanctuary Foundation
and the Oregon Coast Aquarium

WILD EARTH:
deep ocean
SAFARI

