



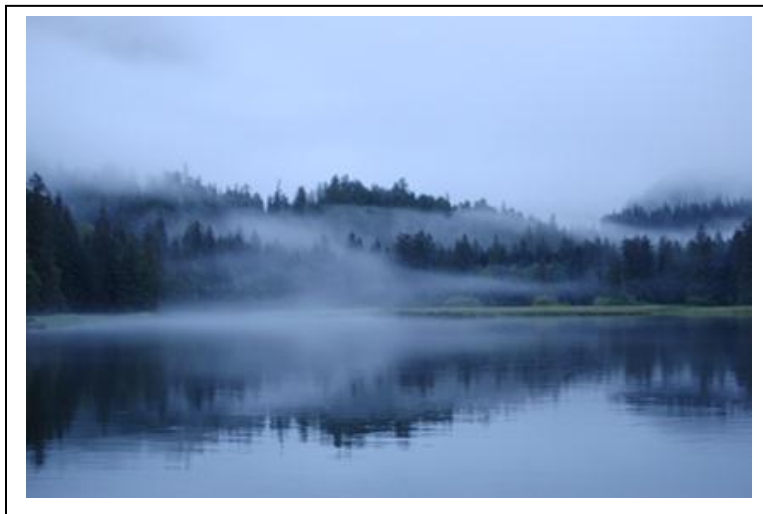
**The San Juan Marine Resources Committee
2013 Marine Managers Workshop
February 27, 28 and March 1, 2013
Friday Harbor Labs**

Climate Change and the Salish Sea

Workshop Agenda

Workshop Objectives:

- Provide new opportunities for collaboration amongst marine managers within the Salish Sea geographic region, on both sides of the border.
- Increase understanding of the causes, impacts, ecosystem responses, and cumulative impacts of ocean acidification and sea level rise.
- Identify gaps, needs, and opportunities to improve planning, restoration, and protection actions to address climate change impacts in the Salish Sea.
- Explore strategic actions to adapt to and remediate impacts of climate change in the marine environment.



Wednesday, February 27, 2013

- 11:30** **Check-in**
- 12:30** **Welcome**, *Dennis Willows, Professor and Director Emeritus, FHL*
- 12:45** **Workshop Agenda Overview**
Facilitator: Brian Emmett
- 1:00** **Introductions and Round Table Topics of Interest**
- Participants share brief updates on their programs and areas of interest
- 2:00** **2012 Recap: Oil Spill Prevention and Readiness**
- Oil Spill Prevention Efforts in the Gulf Islands
 - *Sheila Malcolmson, Islands Trust Council*
 - Update and Status Report on Spill Prevention and Response Activities
 - *Captain Scott Ferguson, Coast Guard*
 - *Dale Jensen, Ecology*
 - Community Engagement in Oil Spill Response
 - *Linda Lyshall, SJC and Robyn Du Pre, NW Straits Foundation*
 - Panel Discussion: Next Steps for Marine Managers
- 3:15** **Break**
- 3:30** **2012 Recap: Salmon Recovery Research and Shoreline Planning**
- Pulling it All Together: Where do we go from here?
 - *Barbara Rosenkotter, San Juan Salmon Recovery*
 - Salish Sea Marine Survival Project: Determining the causes of salmon decline in the Salish Sea
 - *Dr. Jacques White and Michael Schmidt, LLTK*
 - Shoreline Master Program Updates and Emerging Issues
 - *Peter Skowlund, Department of Ecology*
 - Panel Discussion: Next Steps for Marine Managers
- 5:15** **Dinner in the Dining Hall**
- 6:30** **Public Seminar: Ocean Acidification Overview**
- Presentations and Panel Discussion
 - Research Facility Tour, *Dr. Michael O'Donnell, UW FHL*



Thursday, February 28, 2013

- 7:30 Breakfast**
- 8:00 Check-in and Sign-up for Research Facility Tours**
- 8:30 Climate Change and the Salish Sea: Overview**
Facilitator: Lara Whitely Binder
- 8:45 Ocean Acidification in the Salish Sea**
- Causes and Trends, *Dr. Jan Newton, UW APL*
 - Changing ocean chemistry and nutrient loading
 - Biological Effects: Species and Ecosystem Responses, *Dr. Carolyn Friedman, UW SAFS*
 - Effects on calcifiers and food web interactions
- 10:15 Break**
- 10:30 Recommendations from WA's Blue Ribbon Panel on Ocean Acidification**
Dr. Shallin Busch, NOAA
- Reduce CO2 Emissions
 - Reduce Local Sources
 - Adapt and Remediate Impacts
 - Research and Monitoring
 - Inform, Educate and Engage
 - Sustainable and Coordinated Focus on OA
- 11:00 Break-out Session and Report Back to Group**
- What are the roles and actions for Marine Managers
- 12:00 Lunch and OA Research Facility Tour, Dr. Michael O'Donnell, UW FHL**
- 1:30 Sea Level Rise and Storm Surges**
Facilitator: Brian Emmett
- **Sea Level Rise and Cumulative Effects**, *Tina Whitman, FOSJ*
 - Protecting Ecosystem Functions: Management Tools Project
 - Sea level rise and cumulative effects analysis, regulatory review
 - **British Columbia's Sea Level Rise Primer**, *Graham Farstad, AGPA*
 - Adaptation framework: planning, regulatory, financial, incentive, and public education tools
- 4:00 Break-out Session and Report Back to Group**
- What are the roles and actions for Marine Managers
- 5:15 Networking Event Sponsored by Long Live the Kings**
- Special Recognition: Kit Rawson, 25+ Years of Service Protecting and Restoring Puget Sound

Friday, March 1, 2013

- 7:30 Breakfast**
- 8:30 Marine-based Renewable Energy Options, David Marlor, Islands Trust**
- Tidal Power, Wind Towers, and Ocean Based Geothermal
- 9:00 Marine Spatial Planning, Jennifer Hennessey, Department of Ecology**
- Planning for Marine-based Renewable Energy
 - A Tool for Mitigation and Adaptation
- 9:45 Group Discussion, Facilitator: Lara Whitely Binder**
- How does this affect your work on a day to day basis?
 - What are the implications?
 - How does it relate to bigger issues? (i.e. OA, Salmon Recovery)
- 10:15 Break**
- 10:30 Workshop Summary, Survey, and Next Steps**
- Summary of Roles and Actions
 - Identify Opportunities to Implement Actions
 - Advancing Transboundary Partnerships in San Juan and Gulf Islands
 - Survey and Prize Drawing
- 11:30 Adjourn**

Thank you

A special thank you to our partners and funders: Environmental Protection Agency, Puget Sound Partnership, University of Washington Friday Harbor Labs, Long Live the Kings, and the Northwest Straits Commission. Without the support and partnership of these agencies and organizations, this workshop would not have been possible.

This project has been funded wholly or in part by the United States Environmental Protection Agency under the assistance agreement PO-00J12501 to San Juan County. The Puget Sound Watershed Management Assistance Program ends in 2013.



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