

# Barkley Sound Knowledge Symposium Schedule

## TUESDAY, 9 February 2009

7:30	Board the MV Francis Barkley at Harbour Quay in Port Alberni
8:00	MV Frances Barkley launches for Barkley Sound and Bamfield
Session 1. Understanding Place and People	
8:15	Introduction to presentations enroute to Bamfield aboard the MV Frances Barkley
8:30	Presentation 1 (Hupacasath) - Mr. Tom Tatoosh
8:45	
9:00	Presentation 2 (Uchucklesaht) - Mr. Steve Rush
9:15	
9:30	Presentation 4 (Toquaht) - Mr. David Johnsen
9:45	
10:00	Presentation 5 (Ucluelet) - Ms. Marylin Touchie
10:15	
10:30	Presentation 3 (Tseshah) - Councilor Willard Gallic Sr.
10:45	
11:00	Presentation 6 (Huu-ay-aht) - Councilor Rob Dennis Jr
11:15	
11:30	Arrive in Bamfield. Disembark and unload to accommodations.
11:45	Registration desk in Rix Atrium
12:00	
12:15	Opening Prayer and Welcome to Traditional Territories
12:30	Lunch is served
12:45	
13:00	
13:15	Brad Anholt, Welcome to Bamfield Marine Sciences Centre [during lunch]
13:30	Okey, Symposium Introduction
13:45	<b>Keynote Address:</b> Mr. Denis St. Claire: "The Last Forty Years and the Next Two Decades"
14:00	
Session 2. Climate, Geology, and Oceanography	
14:15	Dallimore - A 10,000 year history of the climate, sea level, oceanography, marine ecosystems and earthquake activity in Barkley Sound
14:30	Palowicz - Seasonal variations in Barkley Sound water mass characteristics and deep renewal 2004-2009
14:45	Greengrove - Physical Oceanographic Conditions in Barkley & Clayoquot Sounds, BC, Canada - 2000-2009 - Focus on Effingham Inlet
15:00	Wellness Break
15:15	<b>Interactive Keynote Address:</b> Dr. Mairi Best: "Live Data from the Coast to the Deep Sea: NEPTUNE Canada"
15:30	
15:45	
16:00	
Session 3. Ecological Baselines: from Forests to Fisheries to People	
16:15	Mackinnon - Terrestrial ecosystems of Barkley Sound
16:30	Rutherford - Overview of surveys conducted by Fisheries and Oceans Canada on invertebrate stocks in Barkley Sound
16:45	Mckechnie - An Archaeological Perspective on the Hake Fishery in Barkley Sound

17:00	Tanasichuk -- Short lived fish and the question of baselines in Barkley Sound
17:15	Morgan - Huu-ay-aht First Nation Marine Resource Inventory
17:30	
17:45	
18:00	Blessing - Dinner is served
18:15	
18:30	
18:45	
19:00	
19:15	Session 4. Poster Session
Poster	Beach - Ucluelet Harbour: a safe landing, but does it provide safe food?
Poster	Beaugrand - Monitoring Coastal Erosion and Climate Change/Variability Impacts in Pacific Rim National Park Reserve
Poster	Chan - Exploring the feasibility of Wizard Islet as an indicator of rocky intertidal communities in Barkley Sound
Poster	de Graaf - Monitoring critical fish habitat: Eelgrass and forage fish spawning beaches in Barkley Sound
Poster	Earle - The significance of oral histories of the 1700 Cascadia Earthquake
Poster	Fu - Fish/shellfish community structure in Barkley Sound
Poster	Hay - Fossil diatoms as indicators of past hydrological and climate variability in Barkley Sound, British Columbia
Poster	Head - Mapping features, values, and uses in Barkley Sound and the WCVI
Poster	Heim - A new species of the genus Tethya (Porifera, Demospongiae) from Barkley Sound, Vancouver Island, Canada*
Poster	Leys - Glass sponges take advantage of current-induced flow
Poster	Leys - Observing suspension feeders graze: a NEPTUNE observatory in 3D
Poster	Mak - Social-Ecological History for Nearshore Ecosystems of WCVI
Poster	Mckechnie - Archaeological Evidence of a Possible Paleo-tsunami at the Tl'aadliwa Village, West Coast Trail, Pacific Rim National Park Reserve
Poster	Murray - Protected Areas and Poverty Reduction: A Canada-Africa Research and Learning Alliance
Poster	Ramshaw - The distribution and abundance of kelp-derived detritus off the west coast of Vancouver Island
Poster	Szaniszlo - Seasonal Abundance and Distribution of Steller Sea Lions in BC's Coastal National Park Reserves
Poster	Tam - Decision-Making for Ecosystem Services: Values, Process and Structure
Poster	Tanasichuk - Factors affecting the productivity of Pacific herring ( <i>Clupea pallasii</i> ) from the West Coast of Vancouver Island
Poster	Tanasichuk - Factors affecting the returns of coho ( <i>Oncorhynchus kisutch</i> ), sockeye ( <i>O. nerka</i> ) and chum ( <i>O. keta</i> ) salmon from the WCVI
<b>WEDNESDAY, 10 February 2009</b>	
7:30	Blessing - Breakfast
7:45	
8:00	
8:15	
8:30	To Lecture Hall
Session 5. Indicators for planning and decision making	
8:45	Clarkson - Black Oystercatchers – Shoreline Sentinel of Barkley Sound

9:00	Zharikov - Population trends and drivers of annual variability in seabirds in Barkley Sound
9:15	Burger - The importance of Barkley Sound and adjacent seas to the global seabird community
9:30	Tanasichuk - Interannual variation in euphausiids (krill) in Barkley Sound, 1991-2009
9:45	Yakimishyn - Spatial variability in eelgrass fish diversity in the Broken Group Islands, Barkley Sound
10:00	de Graaf - Measuring the Connectivity of Eelgrass Habitats in Barkley Sound: Fine-Scale Population Genetic Structure of the Bay Pipefish.
10:15	Hyatt - Annual to centennial scale variations in returns of Barkley Sound sockeye salmon as an indicator of ecosystem and human health
10:30	<i>Wellness Break</i>
Session 6. Ecosystem knowledge for planning and decision making	
10:45	Okey - How ecosystem knowledge will inform sustainability planning in Barkley Sound and the West Coast of Vancouver Island
11:00	<b>Keynote Address:</b> Dr. Terrie Klinger: The San Juan Islands and Puget Sound planning experiences
11:15	
Session 7. Habitat and spatial characterization	
11:30	Markel - Spatially consistent rockfish recruitment across kelp and eelgrass habitats in Barkley Sound: implications for RCA effectiveness
12:00	Gregr - Building a comprehensive substrate map for ecosystem analysis
12:15	Bodtker - British Columbia Marine Conservation Analysis project: Generating information to support integrated marine planning
12:30	Blessing - Lunch is served
12:45	
13:00	
13:15	
13:30	Toft - Coastal and marine planning informed by mapping and valuation of ecosystem services of the West Coast of Vancouver Island
Session 8. Community approaches to goals, objectives, and targets	
13:45	Burnett - A Web-Based, Federated, Marine Use Management System for Small Communities
14:00	Insley - Community Based Ecological Monitoring: Lessons from the Bering Sea
14:15	Murdock - Historical and future climate impacts for a community-based resilience analysis
14:30	Liston - Building Resilient coastal communities in the face of climate change impacts on coastal and marine resources and ecosystems in British Columbia
14:45	Wallace - Public and expert survey of ecosystem knowledge, uses, values and perceptions of health, stressors, and solutions for the WCVI
15:00	<i>Wellness Break</i>
15:15	Longo - Enlisting Digital Fishers to Assess Data from the Deep and Elicit Judgment from the Crowd
15:30	
15:45	
16:00	Schmitt - Freshwater Hatchery Management Practices that Could be Incorporated to Rebuild Wild Stocks of Chinook Salmon
16:15	<i>Wellness break (and moving chairs)</i>

Session 9. Perspectives on ecological change	
16:30	<b>Resource Users Perspectives on Ecosystem Change:</b> a facilitated conversation with invited guests
16:45	
17:00	
17:15	
17:30	Free time
17:45	
18:00	Blessing - Dinner is served
18:15	
18:30	
18:45	
19:00	Assemble in Rix Atrium
19:15	<b>Longterm perspectives on ecological change:</b> a facilitated conversation with special guests
19:30	
19:45	
20:00	
20:15	Continue conversation if desired
THURSDAY, 11 February 2009	
7:30	Blessing - Breakfast
7:45	
8:00	
8:15	
Session 10. Ecological Baselines: Shallow subtidal	
8:30	
8:45	<b>Keynote Address:</b> Dr. Jane Watson: "Sea otters, history and natural variation; the importance of having a baseline"
9:00	
9:15	Martone - Effects of sea otter predation on subtidal rocky reef food web structure and productivity on the west coast of Vancouver Island
9:30	Singh - Impacts of sea otter foraging on intertidal communities: implications of sea otter re-establishment in Barkley Sound
9:45	Dick - Are sea otters good for fish?
10:00	Espinosa-Romero - Using ecosystem models to predict effects of sea otters return to the west coast of Vancouver Island
10:15	<b>Keynote Address:</b> Dr. Louis Druehl: "The Kelp of Barkley Sound: Ecology, History, Economics, and Leisure"
10:30	
10:45	<b>Symposium wrap up, thank you, and prayer</b>
11:00	
11:15	Collect bag lunch/ Thank you and closing of symposium during lunch?
11:30	Free time
11:45	
12:00	
12:15	Board MV Francis Barkley for Port Alberni
12:30	
12:45	
13:00	
Session 11. Looking to the Future	
13:15	Presentation 1 (Huu-ay-aht) - Undecided

13:30	Presentation 2 (Ucluelet) - Marylin Touchie
13:45	Presentation 3 (Toquaht) - Chief Anne Mack
14:00	Presentation 4 (Tseshah) - Undecided
14:15	Presentation 5 (Uchucklesah) - Mr. Steve Rush
14:30	Presentation 6 (Hupacasah) - Tom Tatoosh
14:45	
15:00	
15:15	
15:30	
15:45	Arrival in Port Alberni in time to get to the Olympics!