

KODIAK AREA MARINE SCIENCE SYMPOSIUM

Agenda - Kodiak Area Marine Science Symposium

Tuesday - April 18, 2017

	KAMSS Kickoff	
6:00 pm	Registration and Refreshments	
6:30-8:00 pm	Keynote Address Seabirds, Citizen Science and a Warming World	Julia Parrish , University of Washington, and Coastal Observation and Seabird Survey Team, Seattle, WA

Wednesday - April 19, 2017

8:00 am	Registration	
9:00 - 9:05 am	Welcome	
9:05 - 9:25 am	Introduction to Marine Science in Kodiak	
	Session 1 - Changing Ecosystems <i>Robert Foy - Session Chair</i>	
9:25 - 9:55 am	Making Sense of a Complicated Ecosystem: Gulf of Alaska Dynamics from an Integrated Perspective	Olav Ormseth , NOAA Fisheries, Seattle, WA
9:55 - 10:25 am	Twenty Years of Observations along the Gulf of Alaska's Seward Line: Impact of Continued Warm Conditions	Russ Hopcroft , University of Alaska Fairbanks, Fairbanks, AK
10:25 -10:45 am	Break	
10:45 -11:05 am	2015 Gulf of Alaska Large Whale Unusual Mortality Event	Kate Savage , NOAA Fisheries Protected Resources Division, Juneau, AK
11:05 - 11:25 am	Dead Birds on Beaches, the Seabird Die-off of 2015-16: A Kodiak Perspective	Robin Corcoran , US Fish and Wildlife Service, Kodiak, AK
11:25 - 11:45 am	Murres, Puffins, and the Blob: How Alaska Seabird Populations May Respond to Global Warming	Julia Parrish , University of Washington, Seattle, WA
11:45 - 12:05 pm	Current State of Knowledge of Climate Change Effects on Alaska's Fisheries	Terry Johnson , University of Alaska Fairbanks, Anchorage, AK
12:05 - 12:25 pm	Facilitated Q &A	
12:25 - 1:40 pm	Lunch - COASST workshop	Julia Parrish , University of Washington, Seattle, WA
	Session 2 - Habitat and Process <i>Danielle Ringer - Session Chair</i>	
1:40 - 2:00 pm	Delineating the Footprint of Commercial Fisheries: Working Backwards to Examine Effects on Habitat	John Olson , NOAA Habitat Conservation Division, Anchorage, AK
2:00 - 2:20 pm	Alaska Essential Fish Habitat Research Plan 2017-2022: A Research Plan for the NOAA Fisheries	Matthew Eagleton , NOAA Habitat Conservation Division, Anchorage, AK
2:20 - 2:40 pm	Characterization of the Buskin River nearshore area: bathymetry, salinity, marine ecological succession, and human use	Leyla Arsan , Birch Leaf Consulting, Kodiak, AK
2:40 - 3:00 pm	Underwater archaeology in the Kodiak Archipelago and Beyond	Jason Rogers , Northern Land Use Research Alaska, LLC, Anchorage, AK
3:00 - 3:20 pm	Break	
3:20 - 3:40 pm	Kayaks and Supersacks: Marine Debris Removal on Shuyak Island	Andy Schroeder , Island Trails Network, Kodiak, AK



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3:40 - 4:00 pm	Socioeconomic Risks and Impacts of Military Training Events in Gulf of Alaska	Christina Hendrickson , Willow Environmental, Girdwood, AK
4:00 - 4:20 pm	Steller Sea Lions: A Natural Ecosystem Management System	Switgard Duesterloh and Jane Eisemann , Tsunami Bowl Coaches, Olivia Winters, Naomi Daniher, Hanna Clary, Matthew Wald, Lars Bodnar , Students, Kodiak High School, Kodiak, AK
4:20 - 4:40 pm	Kodiak Youth Leaders in Science Education with Kodiak Refuge Summer Science and Salmon Camp	Shelly Lawson , USFWS/ Kodiak National Wildlife Refuge, Kodiak, AK, Nia Pristas and Joshua Barnes , Kodiak Refuge Youth Leaders, Kodiak, AK
4:40 - 5:00 pm	Facilitated Q & A	
5:00- 6:30 pm	Break	
6:30- 8:30 pm	Poster Night with Kid's Corner (Kodiak Harbor Convention Center)	
Thursday - April 20, 2017		
9:00 - 9:05 am	Welcome and Announcements	
	Session 3 - Dynamic Methods <i>Julie Bonney - Session Chair</i>	
9:05 - 9:25 am	The Molting Process in Golden King Crab, <i>Lithodes aequispina</i>	Daniel Urban , National Marine Fisheries Service, Kodiak, AK
9:25 - 9:45 am	It's Complicated: The Reproductive Biology of the Shortraker Rockfish in Alaska	Christina Conrath , National Marine Fisheries Service, Kodiak, AK
9:45 - 10:05 am	Zooarchaeological Analysis of Central Alaskan Fish Fauna	Holly McKinney , University of Alaska Fairbanks, Fairbanks, AK
10:05 - 10:25 am	Experimentally Wrangling with Fish Parasites	Brian Himelbloom , University of Alaska Fairbanks, Kodiak, AK
10:25 -10:45 am	Break	
10:45 - 11:05 am	Chignik River Post-Weir Enumeration with DIDSON	Mary Beth Loewen , Alaska Department of Fish and Game, Kodiak, AK
11:05- 11:25 am	Hunting Seals with Nets 5000 Years Ago	Patrick Saltonstall , Alutiiq Museum, Kodiak, AK
	Session 4 - Community and Monitoring <i>Theresa Peterson - Session Chair; Facilitated Discussion by Davin Holen</i>	
11:25 - 11:45 am	Building Networks to Bridge Information and Action on Alaska's Coasts	Davin Holen , University of Alaska Fairbanks, Anchorage, AK
11:45 - 12:05 pm	What are the "Best Practices" for Community-Based Monitoring of Alaska's Coastal and Ocean Environment	Marilyn Sigman , University of Alaska Fairbanks, Anchorage, AK
12:05 - 12:25 pm	A World Bridge: Kodiak Island Borough School District Project Activities	Mr. Searaphim McGann , A World Bridge Teacher, Kiae Shin, Daniel Johnson, Tiger Oka , Students, Kodiak High School
12:25 - 1:40 pm	Lunch/Alutiiq Museum Tour	Patrick Saltonstall , Alutiiq Museum, Kodiak, AK
1:40 - 2:00 pm	The Coastal Community Ocean Observers (C202) Program	Peter Winsor , University of Alaska Fairbanks, Fairbanks, AK
2:00 - 2:20 pm	Monitoring Paralytic Shellfish Toxins to Provide Sustainable Access to Traditional Resources	Chris Whitehead , Sitka Tribe of Alaska, Southeast Alaska Tribal Ocean Research, Sitka, AK
2:20 - 2:40 pm	Monitoring Ocean Acidification and the Sustainability of Crab Fisheries in Alaska	Robert Foy , National Marine Fisheries Service, Kodiak, AK
2:40 - 3:00 pm	Paralytic Shellfish Poisoning and Community Involvement: Working Towards Safe Shellfish Harvest on Kodiak Island	Julie Matweyou , University of Alaska Fairbanks, Kodiak, AK
3:00 - 3:20 pm	Break	

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3:20 - 3:40 pm	From Collection to Practical Use: Integrating and Visualizing Coastal and Marine Data	Will Koeppen , Axiom Data Science, Anchorage, AK
3:40 - 4:00 pm	Kodiak Tribes Seafood Consumption Assessment: Final Report	Thomas Lance , Sun'aq Tribe of Kodiak, Kodiak, AK
4:00 - 5:00 pm	Facilitated Discussion	Davin Holen , University of Alaska Fairbanks, Anchorage, AK
5:00 - 6:30 pm	Break	
6:30 - 8:30 pm	Marine Science Reception at KSMSC UAF - Kodiak Seafood and Marine Science Center (KSMSC)118 Trident Way	

Friday - April 21, 2017

9:00 - 9:05 am	Welcome and Announcements	
	Session 5 - Marine and Coastal Systems <i>Switgard Duesterloh - Session Chair</i>	
9:05 - 9:25 am	Electrofishing and Kick Seining Efforts for Invasive Signal Crayfish (<i>Pacifastacus leniusculus</i>) on Kodiak Island, Alaska	Kelly Krueger , Sun'aq Tribe of Kodiak Kodiak, AK
9:25 - 9:45 am	How Many Fish are in this Barrel? Sustainably Harvesting Two Easily Caught Skate Species	Thomas Farrugia , University of Alaska Fairbanks, Fairbanks, AK
9:45 - 10:05 am	Kodiak National Wildlife Refuge Marine Bird Monitoring and Research	Robin Corcoran , US Fish and Wildlife Service, Kodiak, AK
10:05 - 10:25 am	The Next Generation of Fishermen in the Kodiak Archipelago: Exploring Dynamics Contributing to the Graying of the Fleet in Alaska's Commercial Fishing Industry	Danielle Ringer , University of Alaska Fairbanks, Kodiak, AK
10:25 - 10:45 am	Break	
10:45 - 11:05 am	An Archaeological Investigation of a 3800-Year-Old Fishery in the Kodiak Archipelago	Justin Hays , University of Alaska Fairbanks, Kodiak, AK,
11:05 - 11:25 am	How Old Is That Crab? Progress on an Age Old Question	April Rebert , University of Alaska Fairbanks and Alaska Department of Fish and Game, Juneau, AK
11:25 - 11:45 am	Tanner Crab Population in the Kodiak District of the Westward Region	Kally Spalinger , Alaska Department of Fish and Game, Kodiak, AK
11:45 - 12:05 pm	A World Bridge: Kodiak Island Borough School District Upcoming Projects Research and development	Mr. Searaphim McGann , A World Bridge Teacher, Kiae Shin , Daniel Johnson , Tiger Oka , Students, Kodiak High School
12:05 - 12:25 pm	Recent Chemical Dispersant Research and Policy Changes in the Exxon Valdez Oil Spill Region	Lisa Matlock , Prince William Sound Regional Citizens' Advisory Council, Cordova, AK
12:25 - 12:45 pm	How Does Release Density Affect Enhancement Success for Hatchery-Reared Red King Crab?	Christopher Long , National Marine Fisheries Service, Kodiak, AK
12:45	Closing Comments	

Workshops and Tours

COASST Beached Bird Die-Off Alert Training - Wednesday, April 19, 2017 - 12:25 - 1:40 pm

A warming ocean is creating many changes in coastal communities in Alaska. Documenting the impacts on marine wildlife is one way communities can bear witness. Based on the recent die-off events, the COASST Program and BeringWatch worked together to create a simple and rigorous data collection program that will allow coastal communities to document marine bird die-off events. Volunteers need NO experience with birds, just a commitment to survey a specific beach as much as possible during any die-off event, a camera, and the ability to upload photos and simple data sheets to the internet.

Alutiiq Museum Tour - Thursday, April 20, 2017 12:25 - 1:40pm

The Alutiiq Museum welcomes for you a special lunch time visit to our gallery. Founded in 1995 the Museum has held fast its mission, to preserve and share Alutiiq culture and heritage. Today the Museum cares for more than 250,000 objects representing all eras of Alutiiq history; from ancient traditions to the present. Explore current exhibits on kayaking, wild foods, graphic arts, and more. Join us for a free gallery tour led by Patrick Saltonstall. Refreshments will be provided. 215 Mission Road, Kodiak, AK.

Saturday - April 27, 2017

Partnered Field Trips

Audobon Whale-watching Hike - Narrow Cape

Stacy Studebaker with the Kodiak Audubon will lead a whale-watching hike at Narrow Cape. The group will organize from the downtown ferry terminal parking lot. Arrive BEFORE 09:30 Saturday morning (the group will depart at 09:30). Wear warm clothes, hiking shoes, and bring rain gear, food for lunch and drinking water. There are no amenities at the end of the road. Some car-pooling will be available for the out-of-towners. If the weather is bad, the event will be canceled.

Sun'aq Tribe Buskin Beach Cleanup and Barbeque

Meet at Buskin Beach Parking Lot and check in at 4:45 pm. Bring a pair of gloves and food to grill. Volunteers can assist with a marine debris survey or help clean up Buskin Beach. Afterwards, join us for a barbeque and bonfire to celebrate Earth Day 2017. (Day use parking fee will be waived for this event.)

Posters - Kodiak Harbor Convention Center

Climate change and ocean acidification: A middle school tutorial	Switgard Duesterloh , AERS, Kodiak, AK, switgard@pci.net
Intertidal and subtidal colonization of new rock at the Kodiak Airport	Leyla Arsan , Birch Leaf Consulting, Anchorage, AK, leyla.arsan@birchleafconsulting.com
SASAP—State of Alaska's Salmon and People	Katherine Schake , Nautilus Impact Investing, Anchorage, AK, katherine@nautilusii.com
Tufted Puffins succeed despite high variability in diet and marine habitat	Sarah Schoen , US Geological Survey, Alaska Science Center 2. Tern Again Consulting
Food, disease, and migration: How Emperor Geese fare in the Kodiak archipelago	Brian Uher-Koch , USGS Alaska Science Center, Anchorage, AK, buher-koch@usgs.gov Robin Corcoran , US Fish and Wildlife Service, Kodiak National Wildlife Refuge, Kodiak, AK, Joel Schmutz , USGS Alaska Science Center, Anchorage, AK, jschmutz@usgs.gov
Ongoing investigation of the size and scope of the 2015/2016 die-off of Common Murres in Alaska	Sarah Schoen , US Geological Survey, Alaska Science Center, sschoen@usgs.gov
Marine mammal monitoring in the offshore waters near Kodiak, Alaska, under US Navy funding, 2009-2015	Andrea Balla-Holden , US Navy, Bremerton, WA, andreaballaholden@navy.mil
Hunting seals by Kashevaroff Mountain	Molly Odell , Alutiiq Museum and Archaeological Repository, Kodiak, AK, molly@alutiiqmuseum.org
The Seven Principles of Sustainability	Lori Swanson , Marine Conservation Alliance, Kodiak, AK, lorismca@gmail.com



