

2015 Kachemak Bay Science Conference
March 4-7, 2015: Daily Agenda

Wednesday, March 4				
Time	Session/Location	Title	Speaker	Affiliation
08:30	Workshop/ Land's End Resort, Quarterdeck	Cook Inlet Response Tool and Data Portal workshop	Sue Saupe, Will Koeppen, Darcy Dugan	Cook Inlet Regional Citizen Advisory Council, Axiom Data Science, Alaska Ocean Observing System
10:30	Coffee break			
10:45	Workshop/ Land's End Resort, Quarterdeck	Cook Inlet Response Tool and Data Portal workshop(continued)	Sue Saupe, Will Koeppen, Darcy Dugan	Cook Inlet Regional Citizen Advisory Council, Axiom Data Science, Alaska Ocean Observing System
12:00	Lunch (provided)			
1:00	Workshop/ Land's End Resort, Quarterdeck	Cook Inlet Response Tool and Data Portal workshop(continued)	Sue Saupe, Will Koeppen, Darcy Dugan	Cook Inlet Regional Citizen Advisory Council, Axiom Data Science, Alaska Ocean Observing System
2:30	Coffee break			
3:00	Workshop/ Land's End Resort, Quarterdeck	Cook Inlet Response Tool and Data Portal workshop(continued)	Sue Saupe, Will Koeppen, Darcy Dugan	Cook Inlet Regional Citizen Advisory Council, Axiom Data Science, Alaska Ocean Observing System
4:30	Workshop ends			
Thursday, March 5				
Time	Session/Location	Title	Speaker	Affiliation
08:30	Workshop/ Land's End Resort, Quarterdeck	Communicating Science through Video workshop	Joann Mellish, Lauren Bell	University of Alaska Fairbanks- North Pacific Research Board; University of Alaska Fairbanks School for Fisheries and Ocean Sciences
10:30	Coffee break			
10:45	Workshop/ Land's End Resort, Quarterdeck	Communicating Science through Video workshop (continued)	Joann Mellish, Lauren Bell	University of Alaska Fairbanks- North Pacific Research Board; University of Alaska Fairbanks School for Fisheries and Ocean Sciences
12:00	Lunch (provided for Water and Land Use permitting workshop participants)			

Thursday, March 5 (continued)

12:30	Workshop/ Islands and Ocean Visitor Center Auditorium	Navigating Water and Land Use Permitting workshop	Tom Dearlove, Harmony Curtis, Pam Russell, Brian Blossom, Michael Setering, Heather Fuller	Kenai Peninsula Borough, Alaska State Parks, ADFG Div of Habitat, Army Corp of Engineers, US Fish and Wildlife Service
2:30	Coffee break			
3:00-5:00	Field trip/ Islands and Ocean Visitor Center Auditorium	Underwater Exploration with the NOAA-Kasitsna Bay Lab	Kris Holderied, Brenda Konar	NOAA Kasitsna Bay Lab, University of Alaska Fairbanks School of Fisheries and Ocean Sciences
3:00-5:00	Field trip/ Transportation departs from Islands and Ocean Visitor Center parking lot	Winter Birding on the Homer Spit	-	Kachemak Bay Birders
3:00-6:00	Field trip/ Transportation departs from Islands and Ocean Visitor Center parking lot	Building Collaborations to Safeguard Habitat on the Anchor River	Mandy Bernard, Sue Mauger, Coowe Walker, Jeff Anderson, John Morton, David Wigglesworth	Kachemak Heritage Land Trust, Cook Inletkeeper, Kachemak Bay Research Reserve, U.S Fish and Wildlife Service, Kenai National Wildlife Refuge
6:00-9:00	Evening plenary talk, reception, & discussion with host Robert Ruffner (Kenai Peninsula Fish Habitat Partnership and the Kenai Watershed Forum)			
6:00	Keynote speaker pre-reception			
6:30-7:30	Keynote	<i>King of Fish: the Thousand Year Run of Salmon – 10 Years Later</i>	David Montgomery	University of Washington, Department of Earth and Space Sciences
7:30	Film: <i>Chuitna: More than Salmon on the Line</i>			
8:00-9:00	Community roundtable discussion & post-reception			
Friday, March 6				
Time	Session	Title	Speaker	Affiliation
08:30	Registration and continental breakfast			
08:45	-	Welcome and announcements	Beth Trowbridge	Center for Alaska Coastal Studies
08:50	Special welcome address with Mayor Mike Navarre			
09:00	Plenary	Connecting Science to Management and Management to Science	Terrie Klinger	University of Washington, School of Marine and Environmental Affairs and

Friday, March 6 (continued)

				the Washington Ocean Acidification Center
Session: Science to Management Highlights, Beth Trowbridge (chair)				
09:30	Science to Management Highlights	Making Cold Water a Hot Topic for Land Conservation	Sue Mauger	Cook Inletkeeper
09:45	Science to Management Highlights	Research And Management Of Shellfish And Groundfish In Cook Inlet Management Area	Jan Rumble	Alaska Dept of Fish and Game
10:00	Science to Management Highlights	Using Best Available Science to Manage Brown Bears on the Kenai National Wildlife Refuge	John Morton	US Fish and Wildlife Service, Kenai National Wildlife Refuge
10:15	Science to Management Highlights	Tools Of The Trade: How Does ADF&G Collect And Use Data To Manage Salmon And Herring Resources In Lower Cook Inlet?	Ted Otis	Alaska Dept of Fish and Game
10:30	Coffee break			
Session: Climate Change and Adaptations, Kris Holderied (chair)				
10:45	Climate Change and Adaptations	Nexus Of Rapid Climate Change And Exotic Species: The Case For Considering Facilitated Adaptation On The Kenai Peninsula	John Morton	US Fish and Wildlife Service, Kenai National Wildlife Refuge
11:00	Climate Change and Adaptations	Paleo-Climate Change, Intensification Of Salmon Harvest And Preservation, Sedentism And Cultural Complexity Among The Dena'ina	Alan Boraas	Kenai Peninsula College
11:15	Climate Change and Adaptations	Impacts Of Warming Ocean Temperatures In Echinoderms	Kimberly Powell	University of Alaska Fairbanks
11:30	Climate Change and Adaptations	Common Gardens On The Kenai: Expanding Our Facilitated Adaptation Forestry Options	Elizabeth Bella	US Fish and Wildlife Service, Kenai National Wildlife Refuge
11:45	Climate Change and Adaptations	Water Resources And Climate Change Adaption Planning In Norton Bay, Alaska	Hal Shepherd	Laoch Consulting
12:00	Tidbit Announcement	Stream Temperature Data Collection Standards And Protocol For Alaska	Sue Mauger	Cook Inletkeeper
12:03	Tidbit Announcement	New Developments At The Paint River	Andy Wizik	Cook Inlet Aquaculture Association

Friday, March 6 (continued)

		Fish Ladder		
12:06	Tidbit Announcement	Testing The Use Of Unmanned Aircraft Systems For Intertidal Surveys In Kachemak Bay – Proof Of Concept	Brenda Konar	University of Alaska Fairbanks
12:09	Tidbit Announcement	Kenai Peninsula Climate Adaptation Planning & Marine Ecosystem Workgroup	Stacey Buckelew	Kachemak Bay Research Reserve
12:15	Lunch (provided)			
Session: Fish Habitat, Heather Fuller (chair)				
1:00	Fish Habitat	Climate Effects On Sockeye Salmon Production: Are Clearwater And Glacial Lakes In Sync?	Molly McCarthy	University of Alaska Anchorage
1:15	Fish Habitat	Mapping The Kenai's Water	Kacy Krieger	University of Alaska Anchorage
1:30	Fish Habitat	Building A High-Resolution NHD+ For The Kenai Peninsula	Branden Bornemann	Kenai Watershed Forum
1:45	Fish Habitat	Alders, Wetlands And Groundwater Links To Juvenile Salmon Habitat	Coowe Walker	Kachemak Bay Research Reserve
2:00	Fish Habitat	Lower Kenai River Tributary Fish Habitat Research	Patti Berkhahn	Alaska Dept. of Fish and Game, Habitat Division
2:15	Fish Habitat	Reach Fidelity And Its Implications For The Survival Of Overwintering Juvenile Chinook Salmon In A South-Central Alaskan System	Jim Boersma	US Fish and Wildlife Service
2:30	Coffee break			
3:00-5:00	Teacher Workshop @ Lab Classroom	Monitoring the Ocean with Remotely Operated Vehicles (ROV)	Beth Trowbridge Kris Holderied	Center for Alaska Coastal Studies, NOAA Kasitsna Bay Lab
3:00-5:00	Panel Discussion @ Auditorium	Panel discussion: Implementation of the Conservation Action Plan: Successes and Challenges	Robert Ruffner	Kenai Peninsula Fish Habitat Partnership
6:00-9:00	Poster session and evening social			

Saturday, March 7

Time	Session	Title	Speaker	Affiliation
08:30	Registration and continental breakfast			
Session: Coastal and Marine Ecosystems, Angela Doroff and Brenda Konar (chair)				
09:00	Coastal & Marine Ecosystems	Gulf Watch Alaska: Monitoring The Pulse Of The Gulf Of Alaska's Changing Ecosystems	Tammy Neher	NOAA Kasitsna Bay Lab
09:15	Coastal & Marine Ecosystems	Static Habitat Attributes Influence Biological Variability In Intertidal Communities In The Central Gulf Of Alaska	Brenda Konar	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences
09:30	Coastal & Marine Ecosystems	Long-Term Kelp Abundance, Sea Surface Temperature, And Salinity Trends In Kachemak Bay	Alyssa Lind	University of Alaska Fairbanks
09:45	Coastal & Marine Ecosystems	How Does Glacial Melt Influence Early Development Of Kelp Communities In Kachemak Bay?	Sarah Traiger	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences
10:00	Coastal & Marine Ecosystems	An Examination of Gulf of Alaska Sea Level and Hydrography	James Kelly	University of Alaska Fairbanks, School of Fisheries and Ocean Sciences
10:15	Coastal & Marine Ecosystems	How Connected are Kachemak Bay and Gulf of Alaska?	Kris Holderied	NOAA Kasitsna Bay Lab
10:30	Coffee break			
10:45	Coastal & Marine Ecosystems (continued)	Monitoring Phytoplankton In Kachemak Bay And Lower Cook Inlet	Dominic Hondolero	NOAA Kasitsna Bay Lab
11:00	Coastal & Marine Ecosystems (continued)	East Side Cook Inlet Razor Clam Stock And Fishery Assessment	Mike Booz	Alaska Department of Fish and Game
11:15	Coastal & Marine Ecosystems (continued)	Chinook Salmon Research Initiative: An Overview Of Research To Better Understand The Causes For Chinook Salmon Declines In Alaska.	Terry Thompson	Alaska Department of Fish and Game
11:30	Coastal & Marine Ecosystems (continued)	Harvest assessment of the marine recreational Chinook salmon fishery in Cook Inlet	Barbi Failor	Alaska Department of Fish and Game
11:45	Coastal & Marine Ecosystems (continued)	Bycatch In The Gulf Of Alaska	Hannah Heimbuch	Alaska Marine Conservation Council

Saturday, March 7 (continued)

12:00	Lunch (available for purchase)			
Session: Marine Vertebrates, Heather Renner (chair)				
1:00	Marine Vertebrates	Assessing Availability And Contaminants Of Potential Cook Inlet Beluga Winter Prey	Susan Saupe	Cook Inlet Regional Citizen Advisory Council
1:15	Marine Vertebrates	Overlapping Shipping Traffic And Seabirds In The Aleutian Archipelago: A Seasonal Risk Analysis	Martin Renner	Tern Again Consulting
1:30	Marine Vertebrates	Size-At-Age And Diet Composition Of Pacific Halibut In Lower Cook Inlet, AK	Sarah Webster	Alaska Pacific University
1:45	Marine Vertebrates	Testing Surrogate Species Concepts On Sympatric Species In The Bering Sea And Aleutian Islands	Heather Renner	US Fish and Wildlife Service, Alaska Maritime National Wildlife Refuge
2:00	Marine Vertebrates	The World Status Of Sea Otters: A Range-Wide View Of The Species And Conservation Concerns	Angela Doroff	Kachemak Bay Research Reserve
2:15	Marine Vertebrates	Biological Monitoring Of The Fork-Tailed Storm-Petrel At East Amatuli Island, Alaska	Arthur Kettle	US Fish and Wildlife Service, Alaska Maritime National Wildlife Refuge
2:30	Tidbit Announcement	Kachemak Bay Habitat Focus Area	Kris Holderied	NOAA Kasitsna Bay Lab
2:33	Tidbit Announcement	Kachemak Bay Coastal Habitat Mapping Tool	Steve Baird	Kachemak Bay Research Reserve
2:36	Tidbit Announcement	Open	-	-
2:39	Tidbit Announcement	Open	-	-
2:45	Coffee break			
Session: Cultural Knowledge and Community Based-monitoring, Michael Opheim (chair)				
3:00	Cultural Knowledge and Community Based-monitoring	Who's Who And What's At Stake: Facilitating The Integration Of Science Into Management Through A Stakeholder Analysis Of The Kenai River Fishery	Meagan Krupa	University of Alaska Anchorage
3:15	Cultural Knowledge and Community Based-monitoring	Stream Watch: Volunteers Making A Difference In The Face Of Change	Lisa Beranek	Kenai Watershed Forum
3:30	Cultural Knowledge and Community Based-monitoring	Tribally Authorized Harvest Management Plans for Harbor Seals	Bernadine Erickson	Alaska Native Harbor Seal Commission

Saturday, March 7 (continued)

Session: Environmental Threats and Remediation, Sue Saupe (chair)				
3:45	Environmental Threats and Remediation	Elodea Management Abstract	Matt Steffy	Homer Soil & Water Conservation District
4:00	Environmental Threats and Remediation	Managing Reed Canarygrass on the Kenai Peninsula	Edgar Guerron Orejuela	Kenai Watershed Forum
4:15	Closing comments			