

Gulf Watch Alaska Presentations
2018 Alaska Marine Science Symposium
Anchorage, Alaska



Presentations

Tuesday 23 January

Time	Section	Title	Speaker
8:45 – 9:00	Lower Trophic Levels	A profiling observatory for high resolution oceanographic, biogeochemical, and plankton observations in Prince William Sound	Robert Campbell
3:30 – 3:45	Ecosystem Perspectives	Ecosystem variability in the lower Cook Inlet across trophic levels, space, seasons, and climate regimes	Martin Renner
4:00 – 4:15	Ecosystem Perspectives	Detecting and inferring cause of change in Alaska nearshore marine ecosystem: An approach using sea otters as a component of the nearshore benthic food web	James Bodkin
4:15 – 4:30	Ecosystem Perspectives	Changes in forage fish during the winter 2015-16 seabird die-off and the North Pacific marine heat wave	Mayumi Arimitsu
4:30 – 4:45	Ecosystem Perspectives	Unprecedented scale of seabird mortality in the NE Pacific during the 2015-2016 marine heatwave	John Piatt
4:45 – 5:00	Ecosystem Perspectives	CANCELLED: Have Gulf of Alaska humpback whales reached carrying capacity or has the Blob made the food web screwy	Jan Straley

Posters

Monday 22 January WAVE 1 (6:30 – 7:45)

Row, Poster #	Section	Title	Presenter
14, 158	Ecosystem Perspectives	Changes in marine predator and prey populations in the aftermath of the North Pacific Heat Wave: Gulf Watch Alaska Pelagic update 2017	Mayumi Arimitsu
14, 164	Ecosystem Perspectives	A decade's worth of data: key metrics from a large-scale, trophic web based long term monitoring program in the northern Gulf of Alaska	Daniel Esler
15, 171	Ecosystem Perspectives	The Northern Gulf of Alaska Long-term Ecological Research program	Russell Hopcroft
15, 163	Ecosystem Perspectives	Using Small Unmanned Aircraft Systems (sUAS) to map intertidal topography in Katmai National Park and Preserve, Alaska	Parker Martyn
2, 20	Mammals	Southern Alaska resident killer whales may be dependent on more than Alaska salmon: some initial stream of origin genetic data from prey samples	Craig Matkin
16, 178	Ecosystem Perspectives	Oceanographic characteristics associated with spring zooplankton community structure in Kachemak Bay, Alaska from 2012 to 2015	Kimberly Powell
16, 180	Ecosystem Perspectives	Gulf Watch Alaska: Taking the Pulse of the Northern Gulf of Alaska	Robert Suryan

Monday 22 January WAVE 2 (7:45 – 9:00)

Row, Poster #	Section	Title	Presenter
9, 106	Lower Trophic Levels	Distribution and bloom conditions of the toxic alga <i>Alexandrium catanella</i> in Kachemak Bay and Lower Cook Inlet, Alaska	Dominic Hondolero
21, 246	Climate & Oceanography	The Seward Line - 2017	Russell Hopcroft
10, 103	Lower Trophic Levels	Freezing in a warming climate?	Katrin Iken
22, 253	Climate & Oceanography	Variability in estuarine salinity and stratification in Kachemak Bay, Alaska: 2012-2017	Kris Holderied
10, 104	Lower Trophic Levels	Trends in intertidal sea star abundance and diversity across the Gulf of Alaska: effects of sea star wasting	Brenda Konar
10, 114	Lower Trophic Levels	Zooplankton community structure and seasonal abundance in Prince William Sound	Caitlin McKinstry
21, 241	Climate & Oceanography	Congruence of intertidal and pelagic water and air temperatures during an anomalously warm period in the northern Gulf of Alaska; the "Blob" washes ashore	Daniel Monson
11, 105	Lower Trophic Levels	Regional and local drivers combine to structure mussel growth and mortality	Suresh Sethi
11, 119	Lower Trophic Levels	Nearshore food web structure in two contrasting regions of Cook Inlet	Danielle Siegert*
11, 128	Lower Trophic Levels	Fine-scale Trophic Ecology and Bioenergetics of euphausiids in Prince William Sound, Alaska	Courtney Weiss

*Student Presenter