

ESSAS Annual Science Meeting - Tentative Schedule

Monday, June 11 - Evening

18:00 Welcome Reception

Tuesday, June 12 - Morning

Session 1: Novel applications of remote sensing in Subarctic and Arctic marine ecosystems

Co-Chairs: *Sei-Ichi Saitoh, Hajo Eicken, Taka Hirata*

8:30 Coffee & light breakfast

9:00 ESSAS/Session Chairs Opening Remarks

9:10 Mizobata Kohei Japan Improved sea surface salinity in the Chukchi / Beaufort Seas using DINEOF

9:35 Garron Jessica USA Remote-sensing Techniques for Oil Spill Detection under Arctic Conditions

10:00 Abe Hiroto Japan Spring phytoplankton bloom and sediment resuspension in the Bering Strait

10:25 Waga Hisatomo Japan Satellite-observed phenological shifts in phytoplankton community in the Pacific Arctic Region

10:50 Coffee Break

11:20 Saitoh Sei-Ichi Japan Practical procedure for potential fishing zone prediction of neon flying squid (*Ommastrephes bartramii*) in the north western North Pacific

11:45 Alabia Irene Japan Projected distribution and diversity patterns of marine taxa in the Pacific Arctic under future climate

12:10 Tibbles Marguerite USA An InSAR habitat suitability model to identify overwinter conditions for whitefishes in Arctic lagoons

12:35 Breed Greg USA Assessing non-consumptive effects of emerging predator regimes in warming Arctic marine ecosystems

13:00 Lunch Break (lunch provided)

Tuesday, June 12 - Afternoon

Workshop & Site visit: Alaska Satellite Facility

14:00 Arko Scott USA UAF's Alaska Satellite Facility - Data, Tools & Products

15:30 Coffee break

15:45 Take bus to Alaska Satellite Facility

16:00 Tour of Alaska Satellite Facility

17:00 Options to visit Museum of the North (open until 19:00), or to explore UAF trails or facilities

Shuttles to return to Wedgewood Resort as needed

Wednesday, June 13 - Morning

Session 2: Integrated Ecosystem Assessments in the Subarctic and Arctic

Co-Chairs: *Libby Logerwell, Benjamin Planque, Alan Haynie*

8:30 Coffee & light breakfast

9:00 Logerwell Libby USA Ecosystem Approach in the Arctic Council

9:25	Planque	Benjamin	Norway	Data, concepts, models and management drivers in the ICES integrated assessment groups for the Norwegian and Barents Seas
9:50	Baker	Matthew	USA	Integrated Ecosystem Research in the Pacific-Arctic Interface
10:15	Haynie	Alan	USA	Integration of social and economic sciences in IEA
10:40	Coffee break			
11:10	Planque	Benjamin	USA	'Letting the data speak' - misleading data exploration in IEAs. Including underwater sound in Arctic and Subarctic IEAs: an ecosystem component to link ecological, social, and economic factors in support of holistic decision-making
11:35	Moore	Sue	USA	
12:00	Hunt	George	USA	Seabird abundance in a variable Bering Sea: long and short-term changes in density
12:25	Haynie	Alan	USA	Alaska Climate Integrated Modeling
12:50	Lunch Break (lunch provided)			

Wednesday, June 13 - Afternoon

Session 2 (cont'd): Integrated Ecosystem Assessments in the Subarctic and Arctic

Co-Chairs: Libby Logerwell, Benjamin Planque, Alan Haynie

14:00 Facilitated discussion: Arctic IEA

15:30 Coffee Break

Contributed papers and Paleoecology of Gadids

16:00	Pilcher	Darren	USA	Impact of local biogeochemical processes and climate variability on ocean acidification in the Bering Sea
16:40	Azetsu-Scott	Kumiko	Canada	TBD
17:05	Orlov	Alexei		Fishing pressure or environmental variability? Clues from size distribution of Pacific cod (<i>Gadus macrocephalus</i>) in the North Pacific Ocean over 6 millennia
17:30	Misarti	Nicole		TBD

Wednesday, June 13 - Evening

18:30 Poster Reception (No-host bar)

Thursday, June 14 - Morning

Session 3: Biology and ecology of Arctic gadids

Co-Chairs: Franz Mueter, Benjamin Laurel, Caroline Bouchard, John Nelson, Brenda Norcross, Haakon Hop

8:30 Coffee & light breakfast

9:00	Hop	Haakon	Norway	Polar cod (<i>Boreogadus saida</i>) revisited in laboratories and the warming Arctic
9:25	Mueter	Franz	USA	Current and future research on Arctic/Polar cod
9:50	Marsh	Jennifer	USA	Influences of temperature, predators and competitors on the southern distribution of Arctic cod (<i>Boreogadus saida</i>)
10:15	Logerwell	Elizabeth	USA	The effect of oceanographic variability on the distribution of Arctic cod of the Northern Bering and Chukchi Seas

10:40 Coffee break

11:10	Laurel	Benjamin	USA	Size- and temperature-dependent overwintering success in age-0 juvenile polar cod (<i>Boreogadus saida</i>) and walleye pollock (<i>Gadus chalcogrammus</i>).
11:35	Priou	Pierre	Canada	Arctic cod (<i>Boreogadus saida</i>) versus boreal fish species in the Barents Sea
12:00	Levine	Robert	USA	Field Studies to Investigate the Fate of Juvenile Arctic Cod in the U.S. Continental Shelf Region of the Chukchi Sea
12:25	Huserbråten	Mats	Norway	Polar cod at drift in the Barents Sea
12:50	Lunch Break (lunch provided)			

Thursday, June 14 - Afternoon

Session 3 (cont'd): Biology, ecology and paleoecology of Arctic gadids & contributed papers

Co-Chairs: Franz Mueter, Benjamin Laurel, Caroline Bouchard, John Nelson, Brenda Norcross, Haakon Hop

14:00	Bender	Morgan	Norway	Effects of increased water temperature and water-soluble crude oil exposure on survival, growth, and feeding success of early life stages of polar cod (<i>Boreogadus saida</i>)
14:25	Nickel	Anja	Iceland	Trophic interactions of 0-group Atlantic cod and saithe
14:50	Llopiz	Joel	USA	Feeding of Arctic cod (<i>Boreogadus saida</i>) on the Beaufort Sea shelf break
15:15	Vestfals	Cathleen	USA	Identifying spawning and hatching locations of Arctic cod and saffron cod in the Pacific Arctic using individual-based, biophysical transport models
15:40	Coffee & snacks			
15:40	Forster	Caitlin	USA	Assessing spatial patterns of Arctic Cod (<i>Boreogadus saida</i>) abundance and distribution in the Chukchi and Beaufort seas
16:05	ESSAS Co-chairs			Closing Remarks

Thursday, June 14 - Evening

18:30 Dinner - To Be Determined

Friday, June 15

9:00 ESSAS Scientific Steering Committee - business meeting (cont'd)