



INTEGRATED ECOSYSTEM RESEARCH

- Five Year Program 2017-2021

Photo Credit: Alexander Sacco

- Many Partners

- North Pacific Research Board \$
- Collaborative AK Arctic Studies Program (formerly North Slope Borough/Shell Baseline Studies) \$
- BOEM – Bureau of Ocean Energy Management \$
- Office of Naval Research Marine Mammals and Biology Program \$
- In-kind support: NOAA, UAF

Overarching Question

How will reductions in Arctic sea ice and changes in the physical environment influence the **flow of energy** in the northern Bering and Chukchi Sea?

- 44 Principal Investigators: experts in Natural Sciences, Local and Traditional Knowledge, Social Sciences. Build on past research and community input. Annual PI meetings.
- Four research cruises 2017-2019
 - Oceanography, Physics, Biogeochemistry, Marine Mammal and Seabird observations, Acoustic Moorings, ANSEP student participants
- Community hub meetings and communications before, during and after cruises

