

A GENERATION OF ECOSYSTEM RESEARCH

The EcoFOCI program was established in 1984 to examine the physical and biological factors that affect the pollock fishery in Alaska. The program has evolved to meet emerging scientific questions and needs of NOAA and stakeholders in the large marine ecosystems of Alaska. Here, we share a generation of ocean observing.

MEMBER

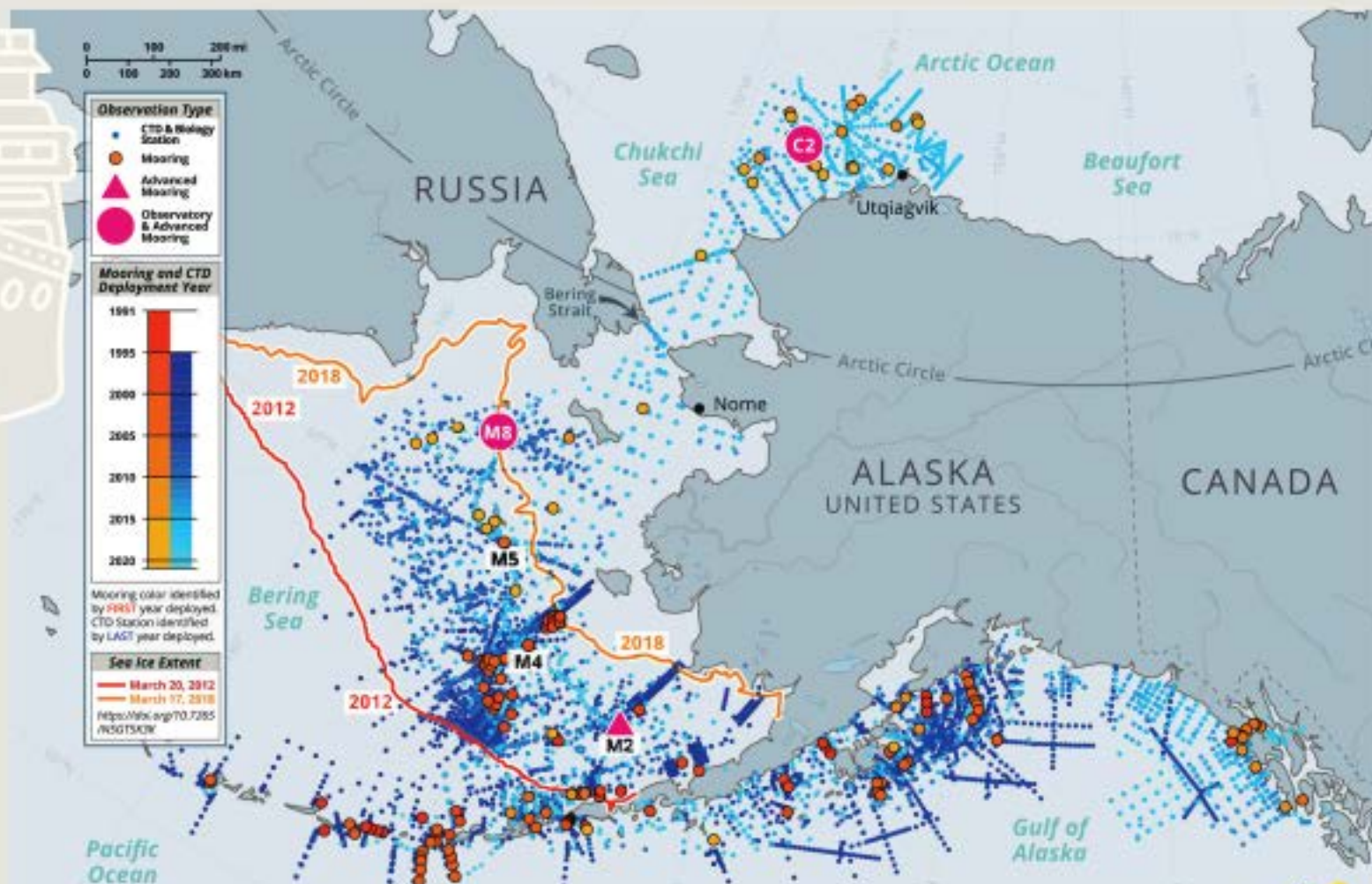
The 2024 EcoFOCI Program | Heather Tabisola, Phyllis Stabeno and Julie Keister, Adam Speer, Albert Hermann, Brooke Snyder, Caitlyn McFarland, Calvin Morley, Colleen Harpold, Dan Cooper, Darren Fischer, David Kimmel, David Strazz, Deane Crosser, Edward Cokeliet, Emily Lammie, Jennifer Bigman, Jera Nielsen, Jesse Lamb, Jazu Zhang, Katia Axler, Kimberly Bahl, Lauren Rogers, Libby Loganswell, Lisa Eisner, Luis Candela, Melanie Paquin, Noel Pelland, Peggy Sullivan, Ryan McCabe, Shaun Bell, Silvana Gonzalez, Stephanie Grassia, Steve Porter, Thomas Van Pelt, Vivek Seelanki, Wei Cheng, and Will Fennie.

INTRODUCTION

- EcoFOCI is a partnership between two NOAA laboratories, the Pacific Marine Environmental Laboratory and the Alaska Fisheries Science Center.
- The core of the program comprises long-term observations from the NOAA Research Biological Mooring Array (30+ years) and work on the NOAA Fisheries 100-year and suspension collectors (100+ years), which provide critical measurements for detecting and understanding ecosystem changes.

WHAT'S NEXT

- Continue to provide critical observations on the impact of climate change in Alaska's large marine ecosystems.
- Continue integration of mooring and observations, including partnering to support the OSTI initiative.
- Continue partnerships across NOAA and the broader Arctic research community.
- Continue to develop and integrate new technologies into ecosystem monitoring and NOAA's only biophysical mooring array in the US Arctic.
- Continue to adapt, grow, and evolve for another generation of ecosystem research.



The EcoFOCI Program acknowledges our partners and collaborators, without them, our measurements and products would not be as valuable. NOAA Fisheries Programs such as OST, EMA, NWE, HABIS; NOAA OAR Programs such as GOMQ, ARP, Omics, CA, ITAF, Engineering; NOAA OMAQ; NOAA Cooperative Institutes (CICOES & JMAR & CIMAR); University of Washington; University of Alaska Fairbanks; University of Maryland; NOPB Program; North Pacific Research Board; Alaska SeaGrant and the Alaska Ocean Observing System.

REFERENCE

Tabisola, H.M., J.T. Duffy-Anderson, C.W. Morley, and P.J. Stabeno. 2021. EcoFOCI: A generation of ecosystem studies in Alaskan waters. Pp. 34-35 in *Frontiers in Ocean Observing: Documenting Ecosystems, Understanding Environmental Changes, Forecasting Hazards*. E.S. Kappel, S.K. Junger, S. Seejaya, E. Smith, and W. Visbeck, eds. A Supplement to *Oceanography* 34(4). <https://doi.org/10.5670/oceanog.2021.supplement.02-15>.

