

- **Principal Investigator:** Michael Castellini, University of Alaska Fairbanks, School of Fisheries and Ocean Sciences
- **Location:** COSEE Alaska is based in Anchorage, Alaska
- **Website:** www.coseealaska.net
- **Collaborators/Partners:** Alaska Ocean Observing System; Alaska Sea Grant; University of Alaska Fairbanks, School of Fisheries; University of Alaska Fairbanks, Center for Cross-Cultural Studies; Alaska SeaLife Center
- **Co-Principal Investigators and Key Project Partners:** Molly McCammon, Alaska Ocean Observing System; Marilyn Sigman, Alaska Sea Grant; Ray Barnhardt, Wilma Osbourne, Sean Topkop, University of Alaska Fairbanks, Center for Cross-Cultural Studies; Paula Cullenberg, Alaska Sea Grant; Nicole Nelson, Alaska SeaLife Center; Andrea Anderson, SoundView Evaluation and Research; Ruth Post, University of Alaska Fairbanks



COSEE ALASKA

Mission: To help ocean scientists achieve their broader impacts and share place-based knowledge of ocean climate change with the COSEE Network.

What We Do: Work closely with ocean scientists, educators and coastal community members to enhance ocean and climate change literacy in formal and informal audiences and the public:

- **Weave:** Link scientists, educators and coastal communities in Alaska and nationwide with emphasis on ocean climate change
- **Bridge:** Communicate western science and traditional knowledge about ocean climate change to Alaska and the nation
- **Invite:** Increase participation in ocean sciences by underrepresented and under-served audiences.
- **Pathfind:** Provide tools and services to ocean scientists for effective outreach with focus on ocean climate change literacy
- **Share:** Enhance teacher capabilities for incorporating ocean climate change and place-based knowledge into curricula

Who We Are: COSEE Alaska consists of a team of ocean scientists, communicators and educators from the Alaska Ocean Observing System, the University of Alaska Fairbanks-School of Fisheries and Ocean Sciences and Center for Cross-Cultural Studies, Alaska SeaLife Center, and Alaska Sea Grant

Audience: Ocean scientists, formal/informal educators, coastal communities around Alaska and national public audiences.

Date Established: Fall 2008

- **SEANET** – a network of ocean scientists, educators, communications experts and community members; <http://oceanseanet.ning.com>
- **Regional directory** of ocean education/ocean science programs and experts
- **Multimedia, virtual field trips and distance learning** programs
- **Web portal** rich with multimedia on ocean climate change
- **National conference** networking marine scientists and marine educators in 2012



Why We Were Established: COSEE Alaska was established as both a regional (Alaska) and thematic center (People, Oceans and Climate Change) to weave together traditional knowledge and western science about ocean climate change in the north.

History: Beginning in 2008, COSEE Alaska has held annual workshops to organize ocean science fairs in rural Alaska school districts and awarded prizes at the annual statewide science fair. We have also hosted an annual Communicating Ocean Science workshop for scientists and educators at the annual Alaska Marine Science Symposium where 600 –1,000 ocean scientists shared their research about Alaska seas. We created and support communications for SEANET, a network of more than 500 ocean scientists, educators, communicators, and community members.

What We Offer...

COSEE Alaska will engage ocean scientists, teachers, informal educators and community members in a broad range of programs, including:

- Statewide ocean science fairs, where science projects are judged by elders and scientists for both cultural merit and scientific rigor
- Teacher-scientist professional development workshops
- Expanded Communicating Ocean Science Workshops and hands-on sessions for scientists at the Alaska Marine Science Symposium

Example Offerings...

- Communicating Ocean Science Workshop
- Ocean Science Fairs in coastal communities

