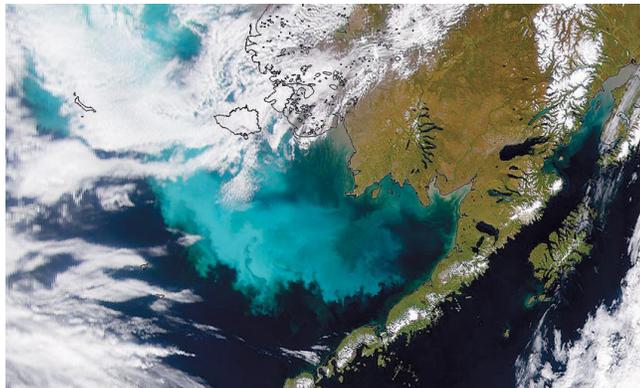




Alaska Sea Grant is one of 33 Sea Grant college programs and is based at the University of Alaska Fairbanks.



Satellite image of an algal bloom in the Bering Sea. Credit: SeaWiFS Project, NASA/Goddard Space Flight Center, and ORBIMAGE

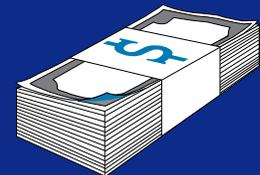
Workshop co-led by Alaska Sea Grant establishes first ever Alaska-wide HAB Network

Consuming shellfish contaminated by a harmful algal bloom (HAB) can increase the risk of shellfish poisoning. In 2016, Alaska Sea Grant and the Alaska Ocean Observing System co-hosted a statewide workshop with the goal of developing an action plan for HAB monitoring, response, outreach and research. The Alaska HAB Network was formed at the conclusion of this workshop. Network members are drafting a statewide action plan to identify outreach and research needs to protect human health.

alaskaseagrant.org

\$5.9 M

Economic benefit



1,300

K-12 students reached

330

Seafood professionals trained to adopt safe and sustainable harvest practices



Metrics reported to National Sea Grant Office in June 2017 for work completed February 2016 to January 2017



RESEARCH

EXTENSION

EDUCATION

Alaska Sea Grant improves watershed and ocean literacy for 4th graders



Students in the Anchorage School District participated in a field trip as part of the improved watershed curriculum. Credit: Alaska Sea Grant

Alaska Sea Grant partnered with the Anchorage School District to provide a three year, \$10,000 grant and staff support to improve marine and watershed literacy for fourth-grade students. The curriculum includes a STEM classroom teaching kit and supplemental field trip program and focuses on salmon conservation in urban streams, local watersheds and the ocean. The STEM teaching kit was implemented in January 2017 as the required curriculum in 150 classrooms, reaching about 3,750 students annually.

alaskaseagrant.org/teachers

“Designing lesson plans that incorporate the cultural backgrounds of Alaska students is a powerful way to engage and teach them. Culture is everything we have, think and do as members of a society.”

- Hans Chester, Juneau School District Indian studies specialist

Rapid Shellfish Poisoning Response



Alaska Sea Grant assisted the Alaska Department of Health and Social Services in responding to a severe paralytic shellfish poisoning illness, and was recognized as an important link in local communications in the Kodiak region. Targeted outreach messages helped prevent additional illnesses in the Kodiak region, and led to improvements in the region’s response network.

Alaska Young Fishermen’s Summit



Since 2007, Alaska Sea Grant has convened six statewide Alaska Young Fishermen’s Summits. In 2016, the first British Columbia Young Fishermen’s Gathering was held in Victoria, Canada, at the request of British Columbia commercial fishing leaders, modeled after Alaska Sea Grant’s Alaska Young Fishermen’s Summit.

Coastal Resilience Collaboration Workshop



Alaska Sea Grant partnered with tribal organizations, Landscape Conservation Cooperatives and others to host workshops in Nome, Unalaska, King Salmon and Kotzebue. Input from the workshops was used to produce a coastal resilience toolbox draft that would link coastal communities and managers to information and resources they need for building resilience in a changing climate.