



Kachemak Bay Research Reserve

Protecting Alaska's Natural Resources



The **Kachemak Bay National Estuarine Research Reserve** is a federal-state partnership that meets the needs of Alaska communities and businesses, while advancing the resilience of the nation's coasts. As part of the **University of Alaska Anchorage**, the Reserve delivers science, education, training, and technical assistance that protects **fisheries**, supports **food security**, enhances **water quality**, sustains **essential industries**, and contributes to **workforce development** by preparing the **next generation** of community leaders and scientists. Like Alaska's waters and salmon, the Kachemak Bay Reserve is a **resource** that must be preserved for the future.

Value of Kachemak Bay Research Reserve to Alaska...

Workforce Development: Jobs & Student Opportunities

Education on coastal science, engineering, and technology

- **2,000 K-12 students** and **175 teacher-hours** annually
- High School Internships; Teacher Trainings
- UAA Semester by the Bay, Kachemak Bay Campus
- Margaret A. Davidson Fellows
- NOAA Hollings Scholars
- Training for natural resource managers
- 30+ Volunteer community monitors & educators

Weather Stations for Landslide Hazard Risk Mitigation

Rural, coastal communities benefit from natural disaster forecasting.

Science for Fisheries

Research on nearshore forage fish and juvenile salmon habitat inform fisheries productivity to support the state's **\$6 billion commercial fishing industry** (AK Seafood Marketing Institute 2024).

Invasive European Green Crab & Harmful Algal Blooms

Monitoring to protect fisheries, local economies and livelihoods, while insuring safe shellfish harvests.

Local Return on Federal Investments

The annual \$881,000 federal investment leverages an additional \$377,000 for community science, monitoring and education.

State - Municipal - Community Project Collaboration

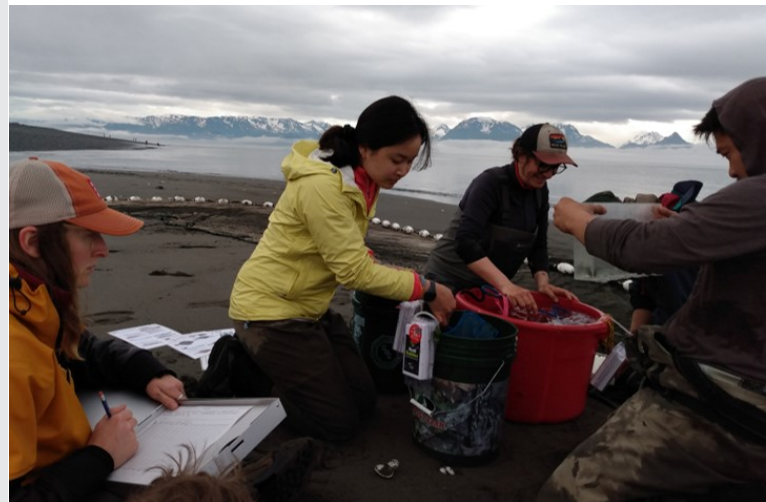
Support stormwater and drinking water projects that protect roads, salmon habitat, and water quality of Kachemak Bay.

Science is Accessible to Decision Makers

Ensuring healthy ecosystems for prosperous economic livelihoods in Alaska's rural, coastal communities.



The Reserve's weather & water quality stations contribute to a national understanding of the benefits of our estuaries while informing local resource protection for Alaska's communities.



Reserve staff train the next generation of scientists and students to increase technical skills in Alaska's workforce, protecting local economies, livelihoods & sustainable fisheries.

MORE INFORMATION

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Kachemak Bay National Estuarine Research Reserve
Alaska Center for Conservation Science
UNIVERSITY OF ALASKA ANCHORAGE

