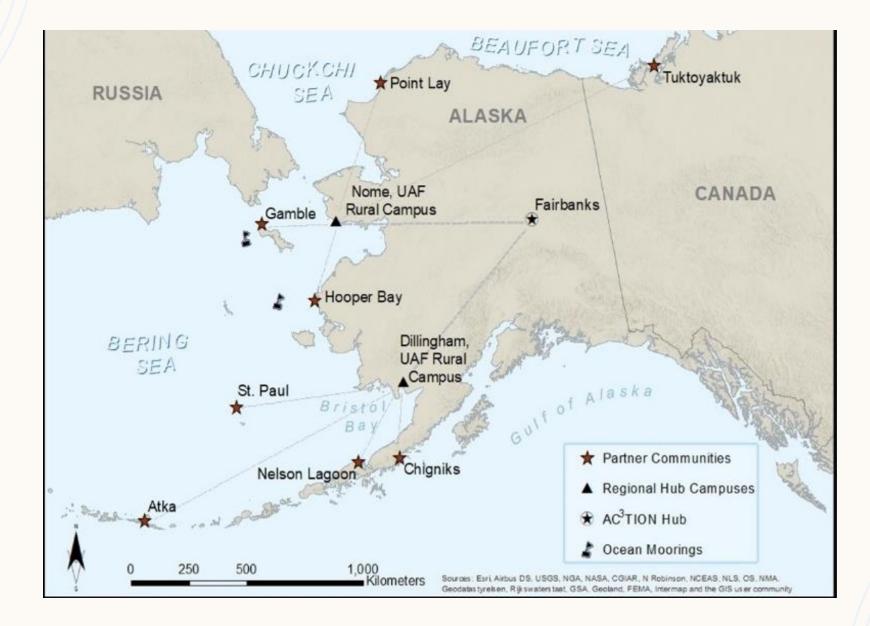
Alaska Coastal Cooperative

Casey Ferguson



PILLARS OF THE ACC

• Communication

Build a sustainable framework for supportive multi-stakeholder communication

• Advance Applied Science

Advance scientific research and knowledge regarding coastal hazards and their impacts on rural coastal communities

Workforce Development and Education

Build technical capacity within Tribal organizations through workforce development and education activities

WORKFORCE DEVELOPMENT

Cycle of knowledge from one group to the other to build coproduction of knowledge

Advisory Committee Community Advisory Board

Steering Committee

Community

Research

Leads

Teams of community research lead, youth, Elder, project scientists, etc. co-learning and cross-mentoring

AC³TION-Pro Co-Learning Model

Intensive Course and Practicum Core strands and ex. learning objectives (3 credits)

Collaborative science & coastal hazard solutions

Learners will be able to:

- Engage in knowledge exchange
- Apply co-learning & coproduction
- Understand fundamental concepts underlying coastal hazard science, governance & decision-making

Practicum

Learners will be able to:

- Apply concepts of intensive course work to a coastal hazard or oceanographic issue in their community;
- Plan and carry out a co-produced "science in action" project with cross-mentoring within the team.

Communicating science & effective advocacy Learners will be able to:

- Communicate research & long-term monitoring work in digestible ways;
- Draft narratives of change using local & regional data;
- Use data to advocate for community resilience

Environmental

monitoring:

Training menu

(supplemental 1 credit)

coastal erosion, flood watch, infrastructure mapping, invasive species, permafrost, HABs/PSP, water quality, wildlife surveys, marine debris, sea and river ice

Social science:

Community interview and survey training, IRB Training, Scenarios development, Indigenous evaluation