

ALASKA CENTER FOR CLIMATE ASSESSMENT & POLICY

A NOAA RISA Team



Vision and Strategy

Our work is guided by a vision of healthy, thriving Alaskan communities, ecosystems, and economies in a changing climate. We conduct innovative and collaborative research in an effort to provide Alaska-specific weather and climate data and tools. It is our goal to build positive relationships with local, state, tribal, and federal leaders to facilitate the inclusion of climate information in areas such as resource management, planning, and public policy.

Alaska-Focused Climate Research, Communication, and Collaboration

Alaska Center for Climate Assessment and Policy (ACCAP) works closely with agencies, research networks, and community partnerships across the state to access a comprehensive range of climate and weather research and observations about environmental change.

We assist decision-makers to understand the causes, indicators, and impacts of climate change in Alaska and the Arctic. ACCAP research and communication efforts help build awareness and understanding, and are used for adaptation and mitigation planning.

ACCAP contributes to NOAA service delivery through independent and sustained regional engagement. Our team regularly collaborates with Sea Grant and the National Weather Service. We also participate on the NOAA Regional Collaboration Team and contribute to the working group on Alaska Regional Indigenous Engagement.

Focal Areas

Building capacity in rural and Indigenous communities

- Small Grants Program
- Kake Climate Partnership
- Assessment of Fiscal Pathways for Adaptation
- Climate Adaptation and Workforce Development
- Indigenous Evaluation

Community-driven research on extreme events and impacts

- Wildfire
- Flooding
- Avalanches
- Coastal storms

Outreach and engagement

- Translating climate science to meet tribal and community self-identified needs.
- Disseminating climate and weather information to a wide audience through three monthly webinars.
- Providing tailored climate information to rural Alaska through radio, local newspapers, and social media.
- Building networks and relationships in the region through Sustained assessment.
- Co-editing the NOAA Arctic Report Card.

Resources and tools

- Massive Open Online Course (MOOC)
- Alaska Weather and Climate Highlights
- Historical Sea Ice Atlas
- Alaska Statewide Temperature Index
- Community Wind Data Tool

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