



## Alaska Climate Change Strategy





Photo: DNR Division of Forestry



Photo: USGS



Photo: Shishmaref Erosion & Relocation Coalition



Photo: Lieutenant Governor's Office



**Working with State agencies, outside experts, and the University of Alaska, the team will develop and prioritize policy recommendations, short-term goals, and long-term visions in the areas of mitigation, adaptation, research and response**

# MITIGATION

Actions to reduce, sequester, and offset greenhouse gas emissions to decrease our carbon footprint.



*Photo by Andrew Petersen*





## ADAPTATION

Actions to evaluate risks and adopt measures to address or reduce the vulnerability of Alaska's citizens, environment, and infrastructure to climate change impacts.



*Photo by Brian Adams*



# RESEARCH

Actions to support and bolster monitoring, observing, modeling, scientific analysis, data sharing, planning, innovation, and public outreach and education related to climate change and mitigation and adaptation strategies.



UAF photo by Todd Paris

# RESPONSE

Actions to plan and train for timely and robust responses to protect and address near-term threats to Alaska's communities and regions from current impacts of climate change.



*Photo by Petty Officer 2nd Class  
Cory Mendenhall U.S. Coast Guard Academy*



# POTENTIAL ACTIONS

Support communities by gathering data, supporting risk and resilience planning, and implementing adaptation measures

Diversify the state economy and reduce greenhouse gas emissions

Identify climate change as a slow-moving disaster

Make choices based on best available science and indigenous knowledge

Provide or obtain necessary funding to ensure that Alaskans can implement necessary actions



Photo by World Meteorological Organization



## VISIONS FOR ALASKA

Efficient and cost-effective adaptation to coastal erosion

Stable fiscal plan that allows for investment in green energy

Improved food security

Inclusion of climate adaptation and mitigation measures in regional and community planning

Sustainable fish, game, and plant harvest management

Reduced per capita energy consumption

Climate change education in school curricula

Increased affordable and renewable energy use

Emergency relief fund for climate disasters

Photo by US Fish and Wildlife Service

climatechange.gov.alaska.gov



Photo by Denali National Park Service. [Flickr](#)

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