

## Resources for Climate Change Education in Alaska

### Climate Change Curriculum

1. [Yale Climate Change Curriculum](#)
2. [NASA Climate Kids](#)
3. [Curriculum | Climate Change Education | Stanford Earth](#)
4. ['Losing Earth': A Climate Change Curriculum | Pulitzer Center](#)
5. [Exploring Arctic Climate Data | Education & Outreach](#)
6. [Bad Future, Better Future](#)—an illustrated guide from the New York Times for kids, and everyone else, about climate change and what we can do about it.

### Climate Change and Alaska

1. [Alaska - Fourth National Climate Assessment](#)
2. [Alaska's Changing Environment | IARC](#)
3. [Climate Change Basics](#)
4. [New report highlights Alaska's last five years of dramatic climate change](#)

### Weather and Climate

1. [Climate vs. Weather | National Snow and Ice Data Center](#)
2. [What's the Difference Between Weather and Climate? | NASA](#)

### Growing Season

1. [Alaska Garden Helper](#)

### Soils

1. [Southern Plains Climate Hub: Understanding Soil Health and Watershed Function Teacher's Manual](#)
2. [USDA Web Soil Survey](#)
3. [The Twelve Orders of Soil Taxonomy | NRCS Soils](#)
4. [Land Capability Classification](#)
5. [TANANA -- ALASKA STATE SOIL](#)

### Climate Change and Crops

1. [Agriculture in Alaska - USDA Northwest Climate Hub](#)
2. [Peonies in a changing climate](#)
3. [Alaska Vegetable Variety Variations](#)

### Livestock

1. [Sustainable Livestock Production in Alaska](#)

### Climate Change Adaptation

1. [Adaptation Resources for Agriculture in Alaska](#)
2. [Integrated Pest Management | Cooperative Extension Service | Cooperative Extension Service](#)
3. [Carbon Farming: Agriculture's Answer to Climate Change | Bioneers](#)

#### Examples of Alaskan Farmers and Ranchers

1. [Alaska Grown](#) — a short documentary on how food security challenges in Alaska present new opportunities for farmers. Interviews with farmers about how they got started and where they received local training are included.
2. [Running the largest farm in rural Alaska | INDIE ALASKA](#)
3. [I Am a Musk Ox Farmer | INDIE ALASKA](#)
4. [Success Stories | NRCS Alaska](#)

#### Traditional Ecological Knowledge

1. [Will a Native-led initiative spur an agricultural revolution in rural Alaska? AND Calypso Farm | Education in natural and farming ecosystems.](#)—an indigenous-led farm in Ester, Alaska centered around community, diversity of people and plants, and healthy agriculture.
2. [USDA Growing Partnerships with Alaska Native Producers](#)
3. [Indigenous Food Sovereignty](#)