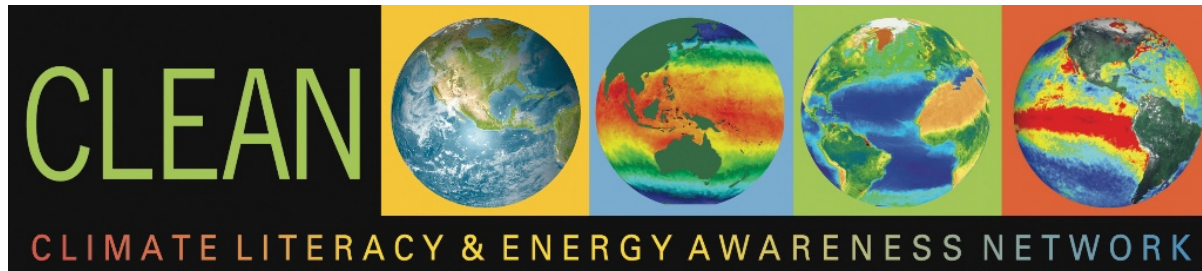
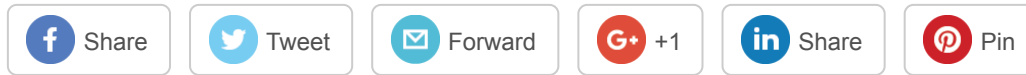


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CLEAN STEM Flash

A Timely Climate and Energy E-Learning Series to Use and Share

Topic: Alaska Heats Up

The impacts of climate change are taking their toll on Alaskan cities and ecosystems. With record-breaking heatwaves and historical wildfires, Alaska is substantially heating up. This is causing a plethora of damages and environmental hazards.

CLEAN Resource Feature

Video: [Losing Permafrost in Alaska](#)

As climate change progresses, rising temperatures in Alaska causes warmer surface air. As a result, there is a rapid increase in thawing permafrost.

Video length: 4:13 minutes

Audience: Middle School, High School

Browse CLEAN for more videos related to [Alaska](#).

PBS LearningMedia adapted this video from Spanner Films to describe the impacts climate change is having on the permafrost in Alaska. As temperatures increase substantially, the

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causing significant urban and environmental damage. Check out the accompanying Support Materials to learn more about the topic.

CLEAN Resource Feature

Activity: [Changes in Our Local Environment](#)

While this activity can be adapted for other regions, the initial focus is to research changes to the Bering Sea in Alaska based on historical data.

Audience: Middle School

Take a look at some more CLEAN resources focused on [Alaskan Environment](#).

Students interview residents of Alaskan communities to document changes of the local environment over the past several years. If they are able, they visit those locations to document the current environment. This activity allows the students to compile historical data as well as knowledge of climate change impact and substantial changes to the surrounding ecosystem.



In the News: [Alaskan Heatwave Reaches Temperatures of 90 Degrees for the First Time in Alaska's Written History](#)

Anchorage, Alaska had record-breaking temperatures on Independence Day 2019, contributing to the state's hottest summer to date.

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