



CLEAN Teacher Newsflash

July 13, 2022

Hello {First Name},

Climate change lends itself to a surge of extreme weather, and with the increase in precipitation comes more flooding. This has many impacts on the community including both physical and mental trauma. The following resources cover the causes of flooding, impacts it has on the surrounding communities, and tools to use for future preparedness.

Flooding

- Activity: Heart Force Flood Game
- Video: Precipitation Extremes and Community Health
- Article: What Extreme Flooding in Yellowstone Means

Explore the CLEAN Collection

Thank you for subscribing to the Teacher Newsflash. Follow [this link](#) if you want to sign up for the newly introduced CLEAN Network Newsflash.

Sign up for the Network Newsflash

CLEAN Resource Feature: Activity



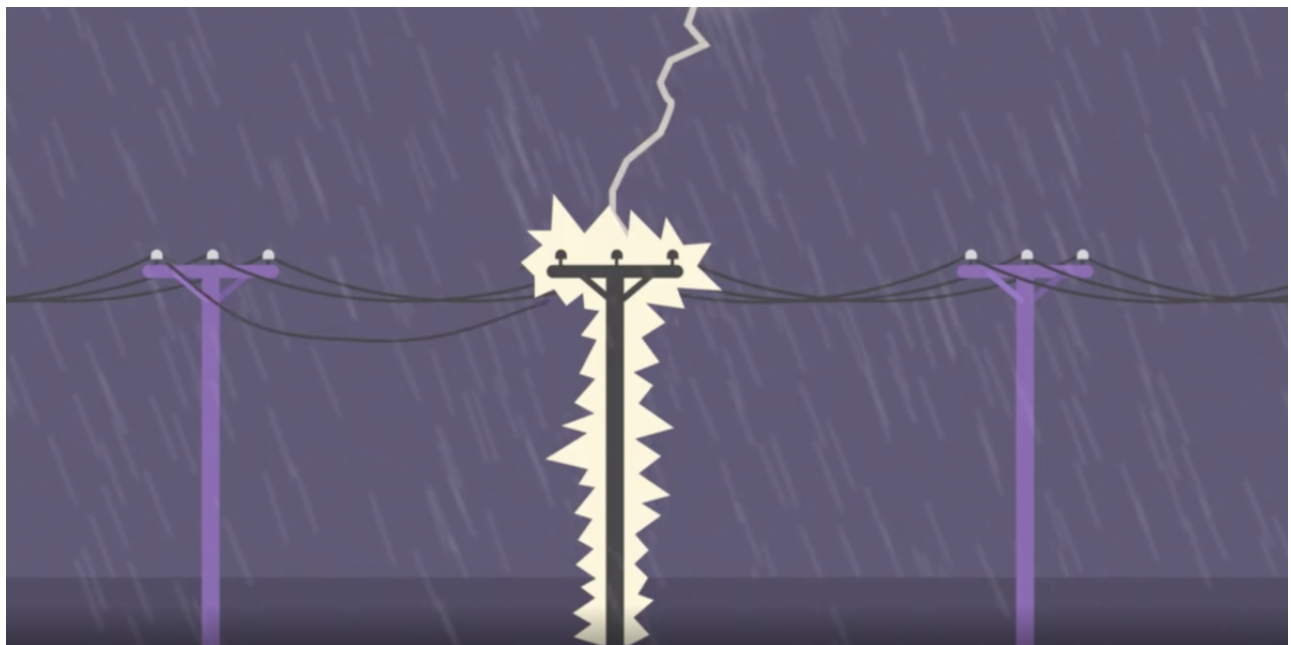
Activity: Heart Force Flood Game

Audience: Middle School, High School

This interactive game has students solve the challenges that their community faces during the course of an extreme flooding event by using available individual and community resources. Students work for 60 minutes in three zone response teams, determining their responses to evolving flood situations.

[Learn More](#)

CLEAN Resource Feature: Video



Video: Precipitation Extremes and Community Health

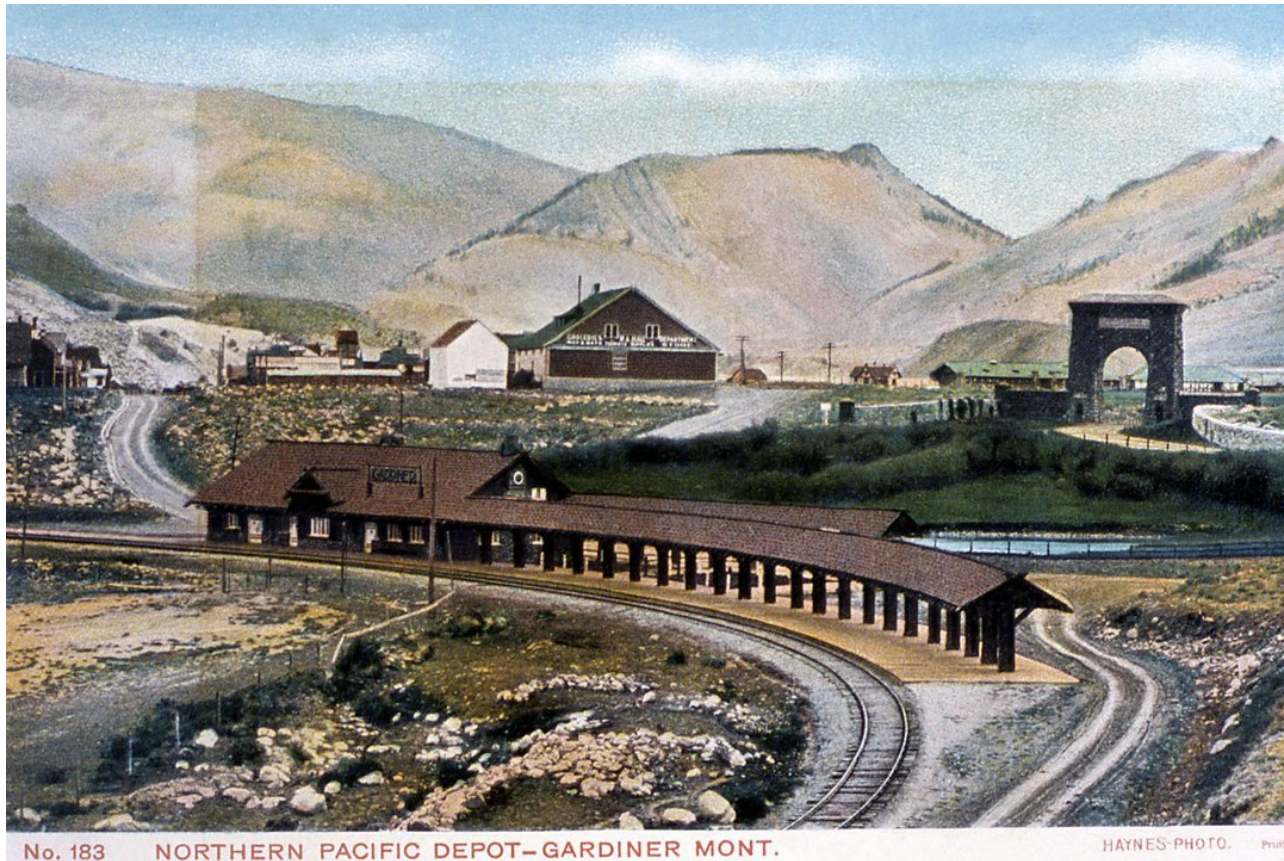
Audience: Intermediate, Middle School, High School, Informal, General Public

This video from the CDC explains how climate change can cause extreme precipitation events and more frequent flooding. It also includes succinct information about the downsides of such events,

including impacts on both physical and mental health. It then discusses possible solutions to be prepared in the future.

[Learn More](#)

Read: What Extreme Flooding in Yellowstone Means for the National Park's Gateway Towns

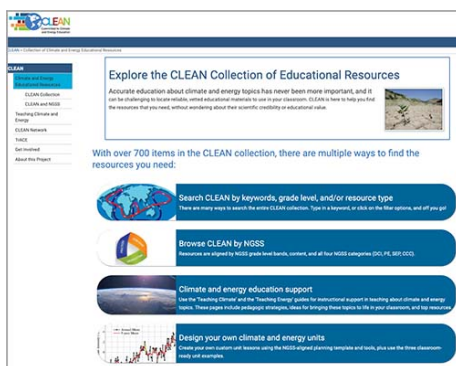


[Article: What Extreme Flooding in Yellowstone Means for the National Park's Gateway Towns](#)

"These communities rely almost entirely on tourism for their existence - yet too much tourism, not to mention climate change, can destroy them," says Megan Kate Nelson, Author of *Saving Yellowstone: Exploration and Preservation in Reconstruction America*. "Last summer, a study of the Greater Yellowstone Ecosystem found that while average precipitation across the region has not changed significantly since 1950, temperatures have risen steadily, resulting in more rain (rather than snow) at higher elevations in late spring."

[Read More](#)

Other CLEAN Resources

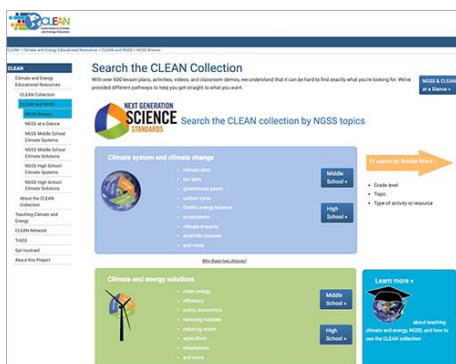


Accurate education about climate and energy topics has never been more important, and it can be challenging to locate reliable, vetted educational materials to use in your classroom.

Explore the CLEAN collection of climate & energy learning resources

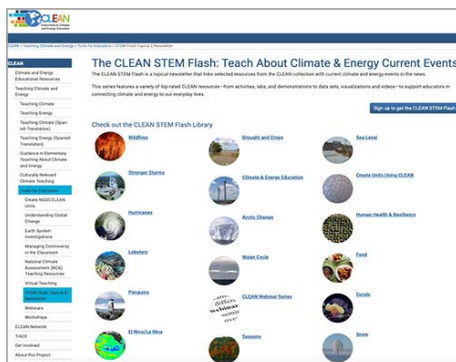
CLEAN supports teaching and learning about climate and energy with 850+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

Browse the CLEAN collection by NGSS topics



CLEAN supports teaching and learning about climate and energy with 850+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

Check out the CLEAN STEM Flash Library of past issues



CLEAN is funded by grants from the National Oceanic and Atmospheric Administration (NA12OAR4310143, NA12OAR4310142), the National Science Foundation (DUE-0938051, DUE-0938020, DUE-0937941) and the Department of Energy.

Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

Received this as a forward? Sign up to get future issues sent to your inbox.

CIRES Education & Outreach | University of Colorado Boulder, Boulder, CO 80309

[Unsubscribe ciresoutreach@colorado.edu](#)

[Update Profile](#) | [Constant Contact Data Notice](#)

Sent by clean@colorado.edu powered by



Try email marketing for free today!