



# 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

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**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.

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## 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.



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



No. 183 NORTHERN PACIFIC DEPOT—GARDINER MONT.

HAYNES PHOTO. Pruit

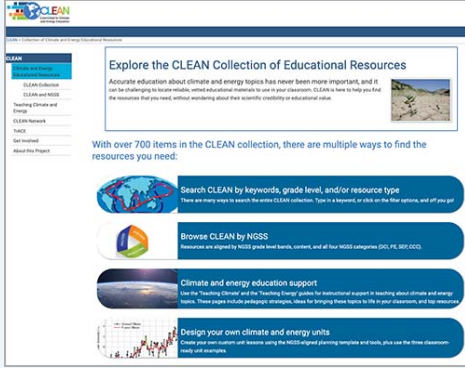
### [Article: What Extreme Flooding in Yellowstone Means for the National Park's Gateway Towns](#)

"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."

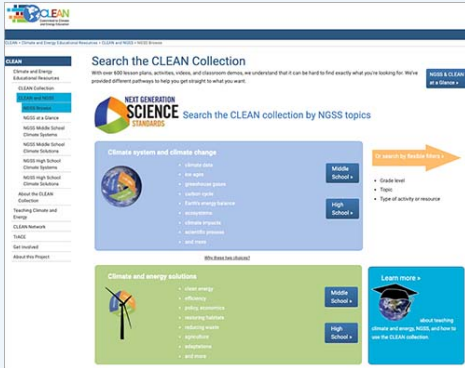
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## Other CLEAN Resources

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.

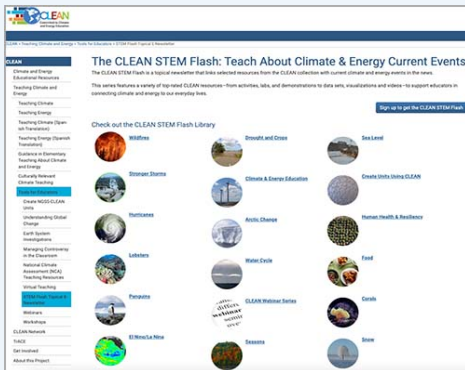


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CLEAN supports teaching and learning about climate and energy with 850+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

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