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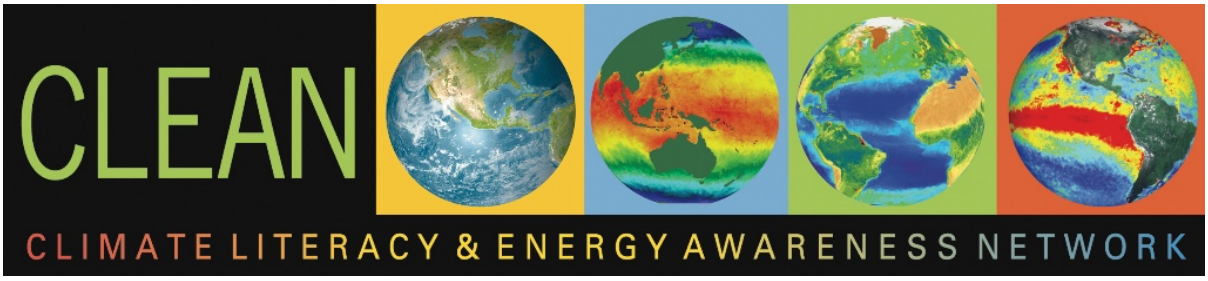

CLEAN STEM Flash

Climate—Energy—Education

Topic: Climate Change and Stronger Storms

A timely climate and energy e-learning series to use and share.
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Browse the CLEAN Collection for NGSS-aligned resources.

CLEAN supports teaching and learning about climate and energy with 600+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

CLEAN Resource Spotlight:

Climate, Jetstream & Polar Vortex video

Watch this video to learn how increasing temperatures in the Arctic are affecting the path of the jet stream, the severity of storms, and the length of individual weather events (rain, storms, drought).

Audience: Middle and high school classes
Video length: 7:27 min

Find more resources on storm events in the CLEAN Collection.

This video from Yale Climate Connections looks at media coverage of extreme weather events to understand how and why climate change

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CLEAN Resource Spotlight:
Wild Weather interactive

This resource independently guides students on an investigation of extreme weather events using a slide set with embedded images, animations, and visualizations. It is module 8 of the Satellite Meteorology course.

Audience: Grades 7-12
Activity time: 1-2 hours

See more resources on extreme weather in the CLEAN Collection.

This resource from the University of Wisconsin Cooperative Institute for Meteorological Satellite Studies has ample background information and simulations showing the characteristics of thunderstorms, tornadoes, hurricanes, and blizzards as seen by satellite images.

Climate & Energy in the News

Read the article Global warming increased risk, intensity of Louisiana's extreme rain event from NOAA Climate.gov.

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