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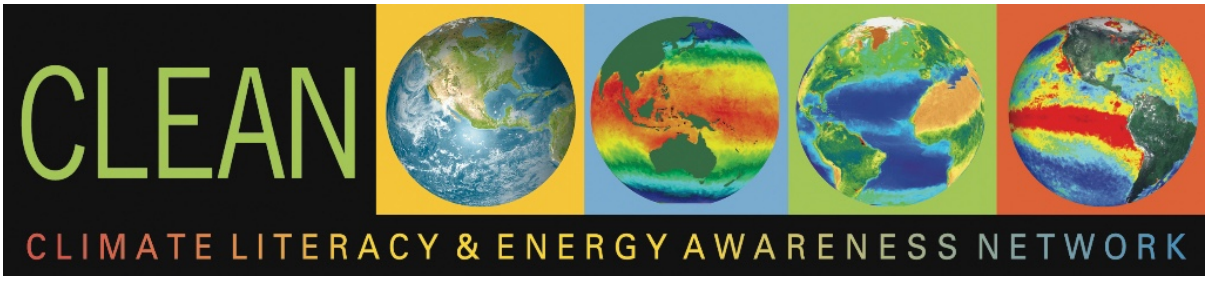

CLEAN STEM Flash

Climate—Energy—Education

Topic: Howling Hurricanes!

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

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

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CLEAN Resource Spotlight:

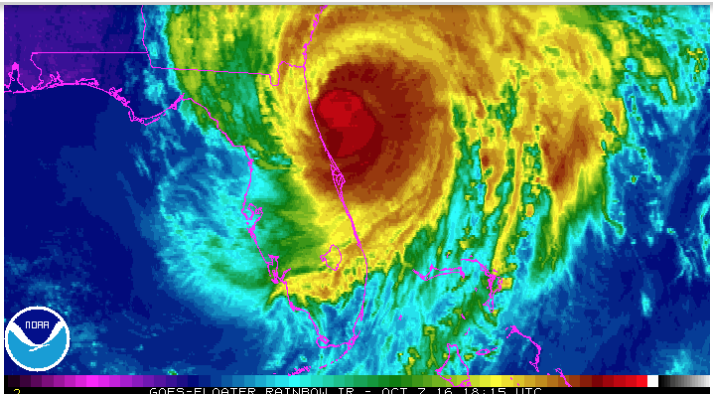
Hurricanes as Heat Engines activity

Students investigate the effects of hurricanes on sea surface temperature using NASA data. They examine authentic sea surface temperature data to explore how hurricanes extract heat energy from the ocean surface.

Audience: High school and undergraduate classes
Lesson time: One to two 50-minute periods

Find more resources on hurricanes in the CLEAN Collection.

This lesson from My NASA Data examines authentic Live Action Server (LAS) sea surface temperature data to explore how hurricanes extract heat energy from the ocean surface.



CLEAN Resource Spotlight:

What Could a Hurricane Do to My Home? activity

This lesson examines the impacts of hurricanes and storm surges on coastal communities.

Audience: Middle school students
Lesson time: One to two 45-minute periods

See more resources on storm surge in the CLEAN Collection.

This lesson from the Institute for Global Environmental Strategies examines the potential impacts of hurricanes in relation to climate variability and change.

Climate & Energy in the News

Check out NOAA's National Hurricane Center for the current status and forecast of tropical storm activity, including Hurricane Nicole.

Also, watch NOAA scientist Chris Landsea discuss hurricane activity in a warmer climate.

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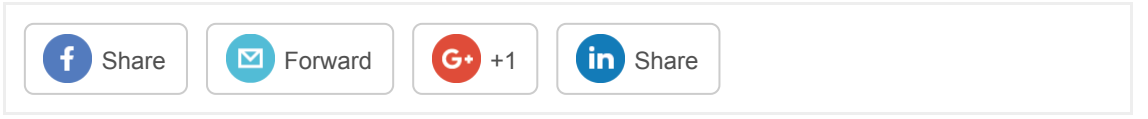

clean@colorado.edu

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