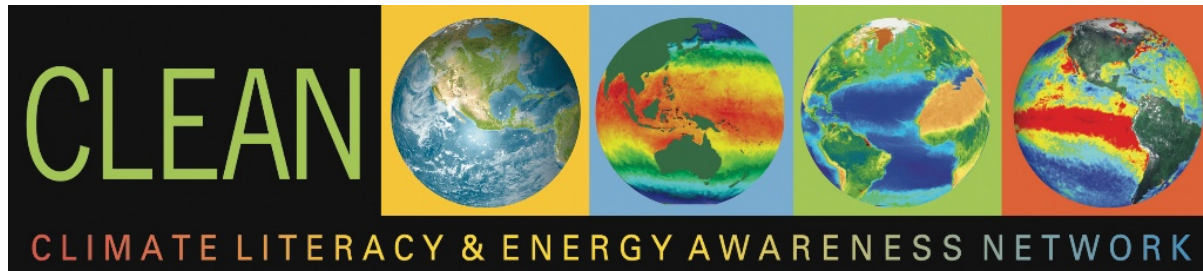


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Register for "The Dynamic Ocean: Changes and Impacts" virtual conference on May 13 — Early bird deadline April 14

CLEAN STEM Flash

Climate—Energy—Education

Topic: Sea Level Change

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

CLEAN supports teaching and learning about climate and energy with 650+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

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CLEAN Resource Spotlight:

Interactive: [NOAA Sea Level Trends](#)

Students investigate current sea level changes around the U.S. and other parts of the world using an interactive map interface with supporting data plots and tables.

Audience: Middle school and above

Find more resources related to [sea level rise](#) in the CLEAN Collection.

Each arrow on the NOAA Sea Level Trends map links

plots for that specific location over time. The map stays up-to-date because each station monitors water level daily.

CLEAN Resource Spotlight:

Activity: [Thermal Expansion of Water](#)

Students demonstrate the concept of thermal expansion of water when heated to learn about sea level rise and climate change.

Audience: Middle school students

Lesson time: One class period

See more topics on climate & energy [water resources](#) in the CLEAN Collection.

This simple lesson from the ARM Climate Research Facility gives students a visual sense of how thermal expansion in oceans leads to a rise in sea level, which is an effect of global warming.

Climate & Energy in the News

Watch the video [Sea level rise: Miami and Atlantic City fight to stay above water](#) posted by the Guardian newspaper on March 20, 2017.

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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](#).

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