



CLEAN Teacher Newsflash

August 10 , 2022

Hello Anne,

It is important for communities, especially those disproportionately affected by climate change, to be prepared for high intensity storms and more variable temperatures. Students will learn about past examples of community resilience and how to plan for future severe weather events and the damage that follows. These links will allow you to teach about resilience in the classroom!

Resilience Based Classroom Resources

- Activity: Major Storms and Community Resilience
- Video: The Rebuilders-Rebuild by Design
- Article: Equity in Resilience - Planning for Hurricanes

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CLEAN Resource Feature: Activity



[Activity: Major Storms and Community Resilience](#)

Audience: College, Graduate/Professional

This activity centers on the fundamental concepts of major storms and community resilience. In this unit, students acquire a vocabulary related to storm systems and risk, engage in practical exercises on event probability and frequency, and complete written activities and oral presentations that reinforce these concepts, using two case studies as examples.

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CLEAN Resource Feature: Video



[Video: The Rebuilders-Rebuild by Design](#)

Audience: Middle School, High School, College, Graduate/Professional, Informal

This video discusses life after Superstorm Sandy. It features American and Dutch architects working with local government and communities to make New York's coastline safer, greener and more inclusive. The Rebuild by Design competition was offered to address the structural and social vulnerabilities exposed by Superstorm Sandy.

Learn
More

Read: Equity in Resilience - Planning for Hurricanes



[Article: Equity in Resilience - Planning for Hurricanes](#)

"Solutions at all levels of government must center on communities disproportionately affected by hurricanes. In addition to mitigating climate change, additional action to reduce harm from hurricanes could include: accelerate pre-disaster hazard mitigation and resilient rebuilding, build storm-resistant structures, ease and streamline evacuation, upgrade public shelters, build out energy infrastructure, forecast and communicate, and support managed retreat."

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Other CLEAN Resources

Explore the CLEAN Collection of Educational Resources

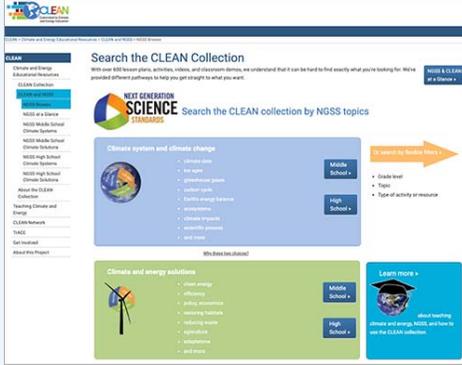
Accurate education about climate and energy topics has never been more important, and it can be challenging to locate reliable, vetted educational materials to use in your classroom. CLEAN is here to help you find the resources that you need, without wading through the academic credibility or educational value.

With over 700 items in the CLEAN collection, there are multiple ways to find the resources you need:

- Search CLEAN by keywords, grade level, and/or resource type. There are many ways to search the CLEAN collection. Type in a keyword, or click on the filter options, and off you go!
- Browse CLEAN by NGSS. Navigate an index by NGSS grade level, content, and all four NGSS categories (DCI, PE, SEP, ESS).
- Climate and energy education support. Use the Teaching Climate and the Teaching Energy guides for professional support in teaching about climate and energy topics. These pages include pathways, strategies, ideas for bringing these topics to life in your classroom, and helpful resources.
- Design your own climate and energy units. Create your own climate and energy units using the NGSS-aligned planning templates and tools, plus see the three classroom-ready unit examples.

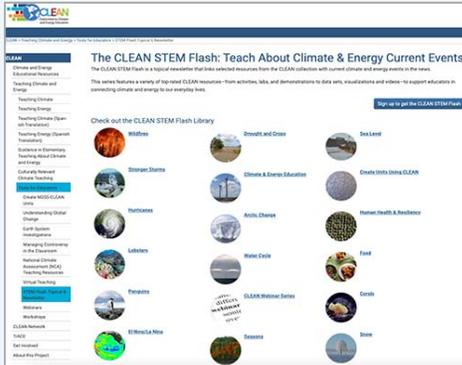
Accurate education about climate and energy topics has never been more important, and it can be challenging to locate reliable, vetted educational materials to use in your classroom.

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



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Check out the CLEAN STEM Flash Library of past issues



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