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CLEAN Events
Spring 2023

## **Professional Development Webinar Series**

Take your teaching about climate and energy to the next level with the **CLEAN Webinar Series**. Use the buttons below to register for or watch a recording of each free webinar

**Upcoming Webinar Registration** 

**Past Webinar Recordings** 

**Teaching Climate & Energy with CLEAN** 

Presenter: Karin Kirk, Geologist and Science

Writer

Date: February 1st, 2023

Time: 6pm ET/5pm CT/4pm MT/ 3pm PT

(30 minutes)

This webinar introduces the Climate and Energy Literacy Principles and how they are integrated with the CLEAN collection of climate and energy resources. These



principles provide the foundation for understanding the science behind climate and energy concepts.

Register

Making Climate Change Connections
Across the Curriculum with CLEAN and
UGC: Practices for Systems Thinking in
the Classroom



Register

**Presenter: Jessica Bean,** University of California Berkeley

Date: February 9th, 2023

Time: 6pm ET/5pm CT/4pm MT/3pm PT

(60 minutes)

Climate change is connected to interdisciplinary topics across the curriculum. Explore how to engage students in systems thinking and construct explanations about the world around them!

<u>Teaching Climate Consequences with</u>
<u>CLEAN: Motivate and Inspire, Don't</u>
<u>Despair</u>

Presenter: Karin Kirk, Geologist and Science

Writer

Date: February 15th, 2023

Time: 6pm ET/5pm CT/4pm MT/3pm PT

(30 minutes)

The consequences of climate change are all around us, unfortunately. How can we teach these topics without overwhelming our students or causing anxiety? In this webinar, climate communicator Karin Kirk will share strategies for building



connections between cause and effect, showcasing solutions, and using local approaches to make science relevant and inspiring. All the teaching tools highlighted in this webinar are appropriate for online teaching.

Register

Contact <u>karin@kirkframeworks.com</u> with any questions!

# Exploring Hands-on, STEM-based Energy Activities for the Classroom



Register

Contact <a href="mailto:haine@unc.edu">haine@unc.edu</a> or <a href="mailto:agladden@burke.k12.nc.us">agladden@burke.k12.nc.us</a> with any questions!

Beyond Doom & Gloom: How to Teach
Climate Change Towards Empowerment
with CLEAN

Presenters: Dana Haine, UNC-Chapel Hill Institute for the Environment, and Andrea Gladden, East Burke Middle School

Date: February 21st, 2023

Time: 6pm ET/5pm CT/4pm MT/3pm PT

(60 minutes)

During this webinar, educators from the NC Energy Literacy Fellows program will share ideas and resources for incorporating hands-on STEM-based energy activities into instruction. In addition to showcasing a range of activities to teach about electricity generation and renewable energy, we'll discuss strategies for adapting and extending activities to meet instructional goals for both science and CTE classrooms.

Presenter: Alicia Christensen, CIRES

Outreach Associate

**Date:** April 20th, 2023

Time: 6pm ET/5pm CT/4pm MT/3pm PT

(60 minutes)

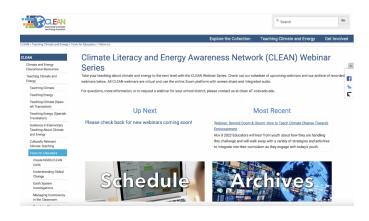


Educators will learn about CLEAN's new resources related to climate mental health and will walk away with a variety of strategies and activities to integrate into their curriculum as they engage with today's youth.

Contact <u>alicia.christensen@colorado.edu</u> with any questions!

Register

### Other CLEAN Resources



Take your teaching about climate and energy to the next level with the CLEAN Webinar Series.

View recordings of past webinars hosted by CLEAN and stay up to date on upcoming events

Explore the Collection of Educational Resources

Explore the Collection of Educational Resources

Explore the CLEAN Collection of Educational Resources

Accurate education about climate and energy topics has never been more important, and it can be found the resources that you nevel, without wordering about their scientific credibility or educational value.

With over 800 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

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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 700+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

**Check out the CLEAN STEM Flash Library of past issues** 















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Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Science Foundation.

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