



## Upcoming CLEAN Events

### Spring 2022

Take your teaching about climate and energy to the next level with the CLEAN Webinar Series! Each webinar is available for professional development credit. Use the [buttons below to register](#) for each free webinar.



### **TODAY: The UC Berkeley Understanding Global Change Project and CLEAN**

**Wednesday, February 23, 2022**

**6:00pm ET / 5:00pm CT / 4:00pm MT / 3:00pm PT**

The Understanding Global Change (UGC) Project at the University of California Museum of Paleontology at UC Berkeley developed a suite of online and interactive learning materials that support educators and students to explore the Earth as an interconnected, dynamic system. The UGC resources, co-designed with classroom teachers and leaders in climate education, are integrated with research-based teaching practices that utilize modeling of phenomena to make learning visible, and support the investigation of local and global actions that reduce human impacts on global environments. In this webinar, you will learn about the UGC Project tools for teaching about climate and energy using CLEAN resources. Presenter: Jessica Bean, University of California Berkeley.

[Link to Register](#)



### **Strategies for Integrating Climate Science into the Elementary Classroom with CLEAN**

**Monday, February 28, 2022**

**6:00pm ET / 5:00pm CT / 4:00pm MT / 3:00pm PT**

This webinar provides strategies for elementary teachers to integrate climate

science into their classroom. Teachers will explore how to breakdown this complex and controversial topic, teach it across disciplines, make it culturally relevant, use it to inspire curiosity, and motivate students to develop climate change solutions.

[Link to Register](#)



## Teaching about Climate and Energy with CLEAN

**Thursday, March 3, 2022**

**6:00pm ET / 5:00pm CT / 4:00pm MT / 3:00pm PT**

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. Presenter: Karin Kirk, Geologist and Science Writer.

[Link to Register](#)



## It's Us: Humans as agents of change within Earth's climate system

**Wednesday, March 9, 2022**

**6:30pm ET / 5:30pm CT / 4:30pm MT / 3:30pm PT**

Human impacts on the climate system are becoming increasingly evident, moving climate change from a topic that is abstract and faraway to one that is right before our eyes. It's our job to help students learn about our role in altering the climate, but it's important to do so in a way that's constructive and solutions-oriented. Educational materials from CLEAN collection can help you navigate this essential topic. Presenter: Karin Kirk, Geologist and Science Writer.

[Link to Register](#)



## Teaching Climate Consequences with CLEAN: Motivate and Inspire, Don't Despair

**Monday, March 14, 2022**

**6:30pm ET / 5:30pm CT / 4:30pm MT / 3:30pm PT**

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.

[Link to Register](#)



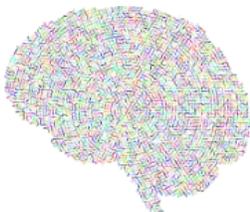
## Climate Solutions Workshop Using the En-ROADS Decision Support Model

**Monday, March 22, 2022**

**5:00pm ET / 4:00pm CT / 3:00pm MT / 2:00pm PT**

Are you interested in exploring what strategies can help the world address climate change? Come to this 1.5-hour workshop, where Dr. Tamara Shapiro Ledley will help participants explore the impact of various strategies including reducing the use of coal, oil, and gas for energy, increasing the impact of renewable energy resources, increasing the energy efficiency of transportation and infrastructure, electrifying transportation, reducing emissions from land use, and removing carbon dioxide from the atmosphere, and others using the En-ROADS decision support model. We will also explore the co-benefits and equity considerations of the various strategies. This will be an interactive workshop so be prepared to think about how you and your communities are addressing climate change. We will test what the impact would be if the entire world did the same. You will discuss and test a wide range of strategies and discover as a group what suite of worldwide actions would help limit the increase of temperature to no more than 2 degrees C by 2100.

[Link to Register](#)



## Climate and Mental Health: Acknowledging Grief and Inspiring Hope

**Tuesday, April 19, 2022**

**6:00pm ET / 5:00pm CT / 4:00pm MT / 3:00pm PT**

During this 1-hour webinar, we will review research linking climate change and mental health. We will focus on skills for coping with and moving through personal grief and loss related to climate change. Emphasis will also be placed on supporting students in processing and transforming climate change-related grief and loss. As a component of this, we will learn how to inspire hope in yourself and your students through examples of – innovation, advocacy and community action. This webinar will include both lecture and interactive components. Presenter Courtney Welton-Mitchell, Ph.D. is trained as a social psychologist and a mental health clinician and has worked as a practitioner and researcher in global disasters and complex humanitarian crises.

[Link to Register](#)



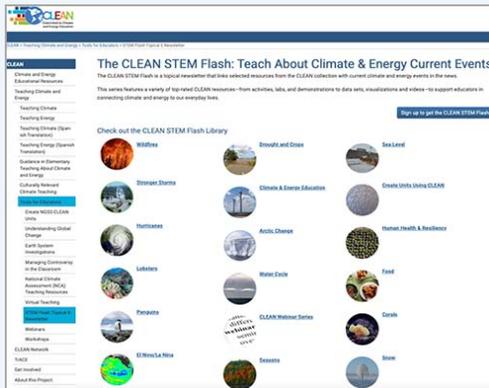
Take your teaching about climate and energy to the next level with the CLEAN Webinar Series.

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



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**



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.

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.

Received this as a forward? Sign up to get future emails sent to your inbox.