



Committed to Climate  
and Energy Education

## CLEAN STEM *FLASH*

Topic: UN Framework Convention on Climate Change- 26th Conference of the Parties (COP26)

A Timely Climate and Energy E-Learning Series to Use and Share  
November 5, 2021

- Science Show & Share Speaker Series: CLEAN & COP26
- Climate Change Negotiations Game
- News: Why Are the Stakes so High at the U.N. Climate Summit?

Greetings!

This November, the United Nations Framework Convention on Climate Change (UNFCCC) are gathering for the 26th Conference of the Parties (COP26) in Glasgow, Scotland. The COP26 summit brings parties together to accelerate action towards the goals of the Paris Climate Agreement, which came into play during COP21 in 2015. Experts believe this conference is the world's last best chance to get runaway climate change under control. Since the first COP in 1995, the UN has been bringing together almost every country on earth for these global climate summits. CLEAN has a unique opportunity to promote climate literacy and energy awareness at COP26, as active members of the network will be representing the CLEAN mission at COP events in Glasgow. Below you will find opportunities to learn more about the event and how to engage in COP from home.

### Science Show & Share: CLEAN & COP26 Webinar

[Webinar: Science Show & Share Series- CLEAN & COP26](#)

*Audience: Middle School, High School, College, Informal*

# LIVE FROM COP26 IN GLASGOW



**Maxwell Boykoff**  
Director, Environmental  
Studies at CU Boulder

Contributing Author to the Intergovernmental Panel on Climate Change (IPCC) Sixth Assessment report, which will be released in March.

Learn about what the Conference of Parties (COP) is and how it works, what the science tells us, and what actions we hope will come out of this year's COP26 meeting in Glasgow.



**Gina Fiorile**  
CLEAN Program  
Communication Coordinator,  
CIRES Education & Outreach

Joining the US Action for Climate Empowerment delegation.

Learn about Gina's experience with the US action for Climate Empowerment Delegation at COP26, how young people can play a role and what she is most inspired by for the future.



UN CLIMATE  
CHANGE  
CONFERENCE  
UK 2021  
IN PARTNERSHIP WITH ITALY

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9 NOV

JOIN CIRES IN A LIVE WEBINAR ON THE  
UN CLIMATE CONFERENCE.

[REGISTER NOW](#)

Join the Cooperative Institute for Research in Environmental Sciences (CIRES) Education & Outreach team for a new edition of the **Science Show & Share series: CLEAN & COP26**. In this interactive webinar, you will learn about what the Conference of the Parties (COP) is and how it works, what the science tells us, and what actions we hope will come out of this year's COP26 meeting in Glasgow. You will also have the opportunity to hear about on-the-ground COP experiences from CLEAN Coordinator Gina Fiorile, who will be attending the event in-person.

[Learn  
More](#)

CLEAN Resource Feature: Climate Change Negotiations Game



### **Activity: World Climate Negotiations**

*Audience: High School, College, Informal*

This simulation provides scenarios for exploring the principles of climate dynamics from a multi-disciplinary perspective. Interconnections among climate issues, public stakeholders, and the governance spheres are investigated through creative simulations designed to help students understand international climate change negotiations.



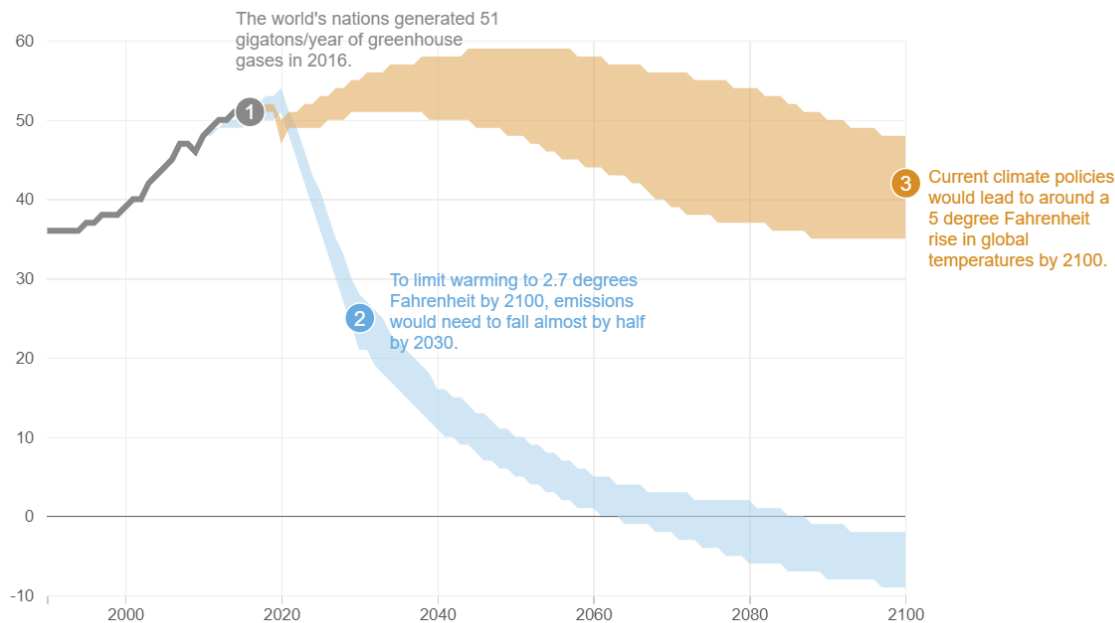
**Browse CLEAN for more resources related to Climate Negotiations**

**In the News: Why Are the Stakes so High at the U.N. Climate Summit?**

## Current climate policies don't go far enough

Greenhouse gas emissions need to fall almost immediately to put the world on a path to **limiting warming to around 2.7 degrees Fahrenheit** by 2100. Under **nations' current policies**, warming would rise at about 5 degrees Fahrenheit by 2100.

### GIGATONS OF CARBON DIOXIDE PER YEAR



#### Notes

Graphic shows climate pledges from nations as of May 2021. Climate pledge and warming projections display the likely range of potential outcomes.

Source: *Climate Action Tracker*

Credit: *Connie Hanzhang Jin/NPR*

## [NPR: These 4 charts explain why the stakes are so high at the U.N. climate summit](#)

"Leaders from around the world are gathering in Glasgow, Scotland, to hammer out new pledges to fight climate change. The stakes are high. Scientists warn that heat-trapping emissions must fall dramatically by 2030. Otherwise, the world faces more extreme hurricanes, floods and droughts, likely displacing millions of people. Still, negotiations at the COP26 meeting are expected to be tough. Here are four reasons why."

## 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 worrying about time, quality, credibility or educational value.

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

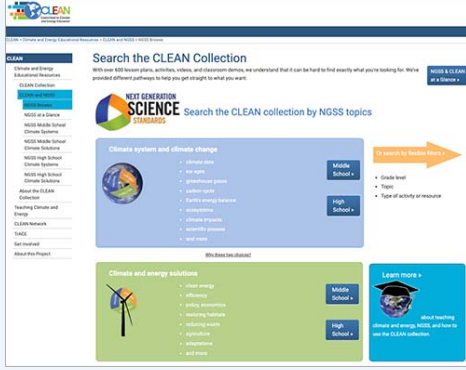
- Search CLEAN by keywords, grade level, and/or resource type. There are many ways to search the entire CLEAN collection. Type in a keyword, or click on the filter options, and off you go!
- Browse CLEAN by NGSS. Resources are organized by NGSS grade level bands, content, and all four NGSS categories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

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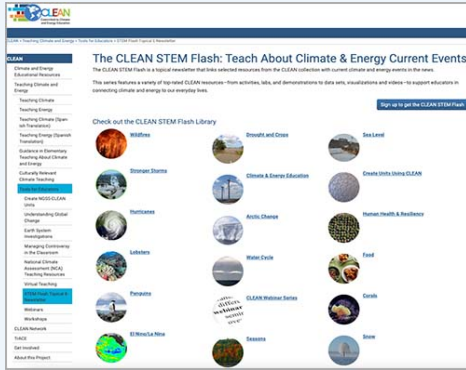
## Explore the CLEAN collection of climate & energy learning resources

CLEAN supports teaching and learning about climate and energy with 700+ free peer-reviewed, scientifically accurate, and classroom-ready resources.





**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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