CLEAN
CLIMATE LITERACY & ENERGY AWARENESS NETWORK

Extreme Heat | Urban Heat Effect | Summer Weather and COVID-19 | Virtual Events

CLEAN STEM Flash

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

May 27th, 2020

Topic: Summer Heat and Rising Temperatures

As the school year ends and summer rapidly approaches the temperatures are rising. Learn about the effect heat has on humans and cities.

CLEAN Resource Feature

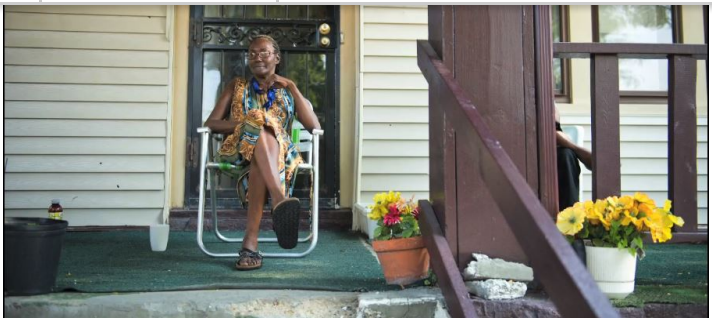
Video: Climate Wisconsin: Extreme Heat

This short video addresses the effects of heat waves on human populations, with African American residents of Milwaukee, Wisconsin, as the visual subjects. The narrative is done by a young spoken word artist.

Video length: 2:46
Audience: Middle School, High School, College Lower, General Public

Browse CLEAN for more videos on Extreme Heat.

Even in a notoriously cooler region like Wisconsin, the heat can present issues for young people, the elderly, and people with health



photos, and videos to engage the audience. The accompanying essay provides necessary background information.

CLEAN Resource Feature

Learning Activity: Feeling The Heat

This activity has students explore the microclimate in cities where the heat island effect is known to occur. Students learn about the urban heat island effect by investigating which areas of their schoolyard have higher temperatures - trees, grass, asphalt, and other materials.

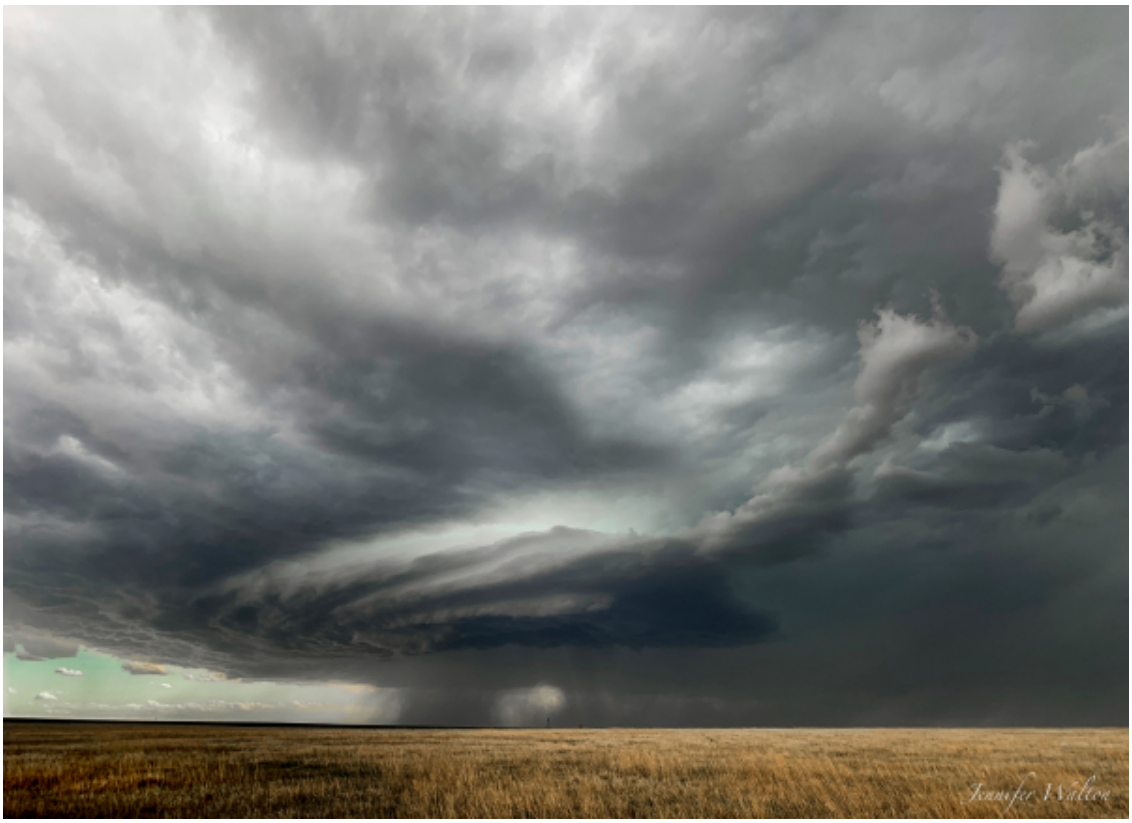
Audience: Middle School, High School

Take a look at some more CLEAN resources focused on the Heat Island Effect.

Students explore their schoolyard in order to assess what areas have higher temperatures - trees, grass, asphalt, and other materials. Based on their results, they hypothesize how concentrations of surfaces that absorb heat might affect the temperature in cities and contribute to the urban heat island effect. Then they analyze data about the history of Los Angeles heat waves and look for patterns in the Los Angeles climate data.

In the News: Summer Weather Could Help Fight Coronavirus Spread but Won't Halt the Pandemic

suggests the summer months may inhibit the spread of the virus. It also reiterates that it will likely not cause the virus to entirely disappear.



Virtual Conference and Webinar

On June 2nd we will host a new webinar with Karin Kirk focused on Climate Change Consequences. To register, click here. For more information about our webinar series or to watch recordings of other webinars, click here! 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.

From July 22-24th there will be a virtual conference, the Stay-In-stitute for Climate Change Education. This three-day experience will take you beyond your computer screen, and into your backyard and neighborhood to do authentic scientific and social data collection, move your body, and make observations of the world around you. Join a network of teachers from across the country dedicated to teaching climate change as an interdisciplinary issue! For more information and to register click here!

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

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