

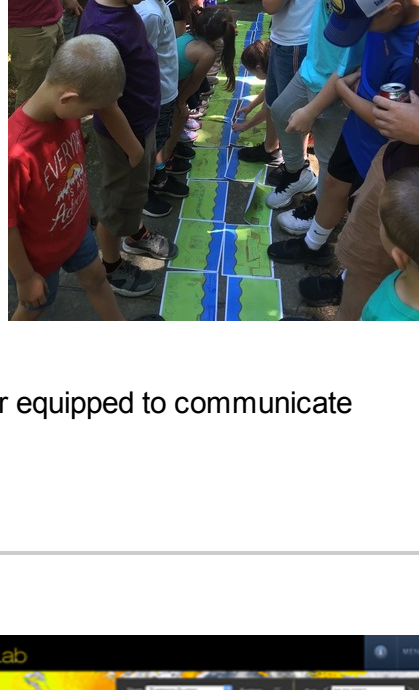
Environmental Education

Tennessee

July 2019

Educational Highlight

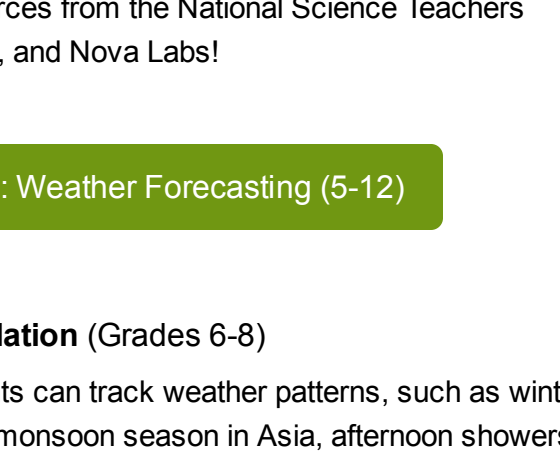
Environmental Education is for everyone! This summer Tennessee Technological University wildlife students participated in an EE workshop led by Tennessee State Parks staff so they can take the knowledge from their classrooms to the field, working directly with school children. In whatever career they choose, these TTU students will be better equipped to communicate environmental issues with the public.



This Month Let's Talk About...

Weather!

How many times do you check for severe weather in July? This is a great time to learn and share about weather! Check out these amazing weather resources from the National Science Teachers Association, The Smithsonian, and Nova Labs!



EE Resources: Weather Forecasting (5-12)

Learn About Global Circulation (Grades 6-8)

In this 5-minute movie, students can track weather patterns, such as winter storms in North America, the monsoon season in Asia, afternoon showers in the Amazon basin, and hurricane formation and decay.



EE Resources: Global Circulation (6-8)

Weather Lab (Grades 5-8)

Weather Lab is a tool to help visualize how North America's weather is formed. This lab is designed to model the complex interactions between air masses and ocean currents, but like all models it represents probable outcomes. Each prediction you make is for possible outcomes during Spring.

EE Resources: Weather Lab (5-8)

Cloud Lab (Grades 6-12)

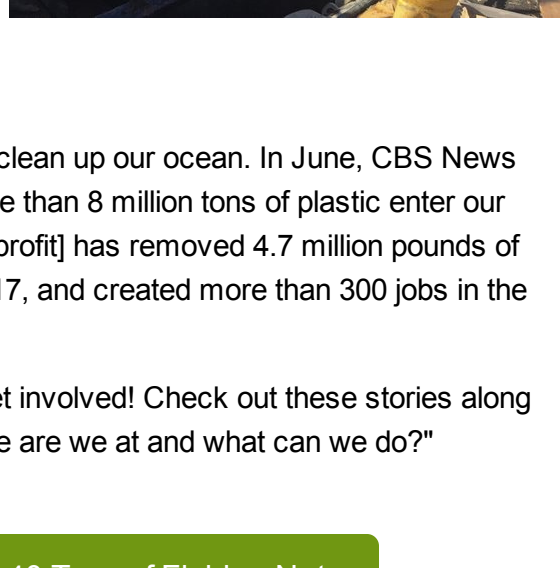
Covering some 70 percent of Earth's surface, clouds play a key role in our planet's well-being. But how do they form, why are there so many types, and what clues can they give us about the weather and climate to come? Try your hand at classifying clouds and investigating the role they play in severe tropical storms.

EE Resources: Cloud Lab (6-12)

In the News...

Ocean Cleanup

June 28th - "In a mission to clean up trash floating in the ocean, environmentalists pulled 40 tons (36 metric tons) of abandoned fishing nets this month from an area known as the Great Pacific Garbage Patch." - AP News



This is one of many efforts to clean up our ocean. In June, CBS News reported that "every year, more than 8 million tons of plastic enter our oceans — but 4ocean [a non-profit] has removed 4.7 million pounds of trash from the water since 2017, and created more than 300 jobs in the process."

There is hope, and you can get involved! Check out these stories along with "The Plastic Crisis: Where are we at and what can we do?"

AP News: 40 Tons of Fishing Nets

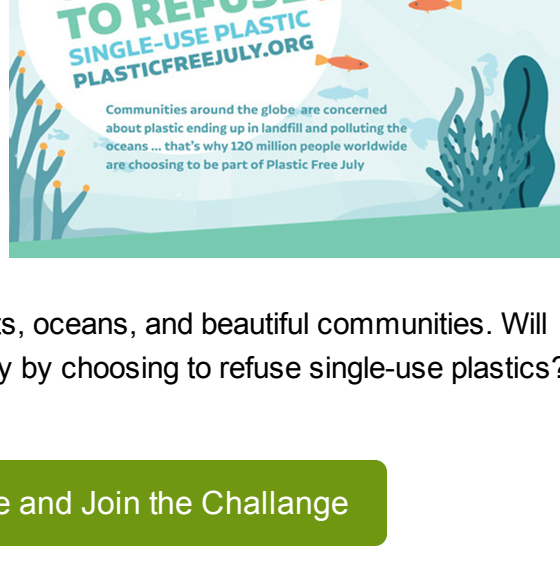
CBS News: 4Ocean and 4.7 Million Pounds of Trash

NAAEE: The Plastic Crisis - What We Can Do

Sustainability Corner

Plastic Free July

Plastic Free July is a global movement that helps millions of people be part of the solution to plastic pollution — so we can have cleaner streets, oceans, and beautiful communities. Will you be part of Plastic Free July by choosing to refuse single-use plastics?



Learn More and Join the Challenge

Professional Development

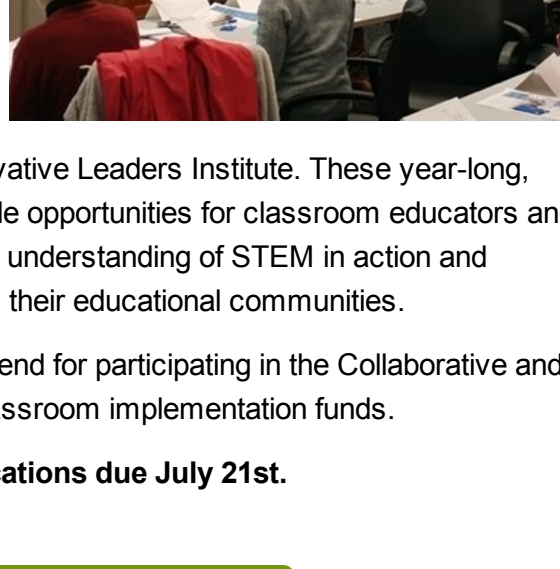
Tennessee Rural STEM Collaborative

The Tennessee STEM Innovation Network is now accepting applications for the 2019-2020 Tennessee Rural STEM Collaborative and Innovative Leaders Institute. These year-long, cohort-based programs provide opportunities for classroom educators and school leaders to expand their understanding of STEM in action and promote meaningful change in their educational communities.

Educators receive a \$600 stipend for participating in the Collaborative and an additional \$300 towards classroom implementation funds.

Applications due July 21st.

Learn More and Apply



Get Involved!

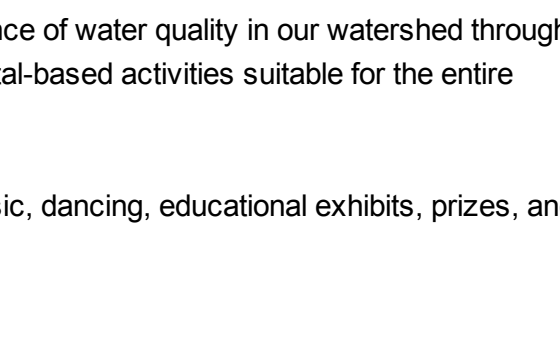
Waterfest

July 14, 2019 @ 1pm

Cumberland Park

Waterfest is a free, one-day family festival all about celebrating and connecting children to our local waters. Our goal is to raise

awareness about the importance of water quality in our watershed through fun and engaging environmental-based activities suitable for the entire family.



There will be waterslides, music, dancing, educational exhibits, prizes, and more!

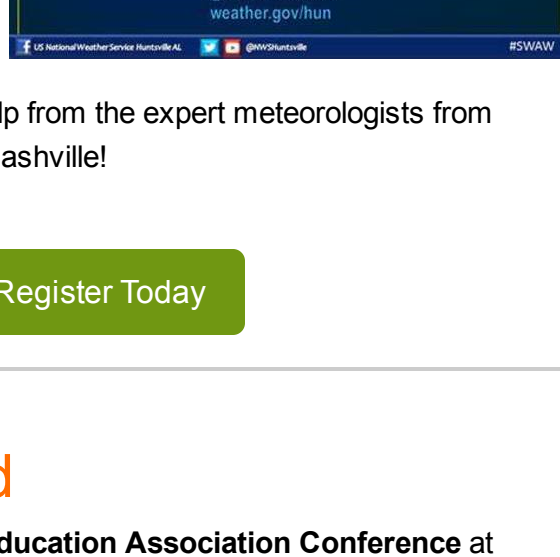
Learn More About Waterfest 2019

NOAA Presents: Storm Spotting at Warner Parks

August 6, 2019 @ 5:30pm

Age level: Adults, 13+

Understand Nashville's weather (a little) better with help from the expert meteorologists from National Weather Service in Nashville!



Register Today

Looking Ahead

Tennessee Environmental Education Association Conference at Montgomery Bell State Park (October 4-6): Early Mockingbird Registration Ends **August 15th**

North American Association for Environmental Education Conference in Lexington, KY (October 16-19): Early Bird Registration End **August 23rd**

TEEA Registration

NAAEE Registration

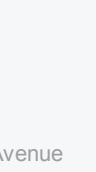
Sarah Green

Environmental Literacy Coordinator

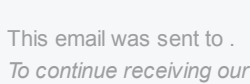
Tennessee State Parks

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