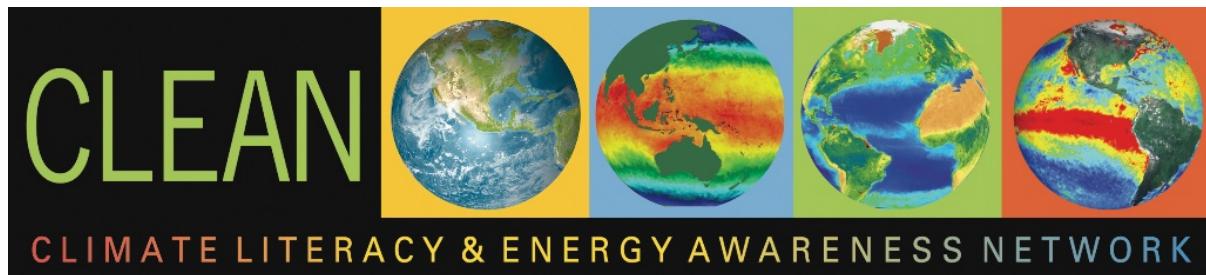


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CLEAN STEM Flash

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

Topic: Boaty McBoat Face takes a deep dive into ocean salinity and temperature

Ocean salinity and temperature play a huge role on current climate change trends. By collecting deep sea data we are able to more accurately track the impacts climate change is having on our atmosphere, climate, and oceans.

CLEAN Resource Feature

[Video: Sea Surface Salinity Influence on Earth's Climate](#)

This video goes into depth about the different variations in ocean salinity and temperature and the relation to climate change. The video also discusses the climate's impact on ocean circulation.

Video length: 2:13 minutes

Audience: High School, College

Browse CLEAN for more videos related to [salinity and temperature](#).

This video by NASA discusses the findings of the Aquarius satellite. Based on observations, scientists discovered the

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climate. Scientists are now able to measure sea salinity and temperature in a consistent manner to get new climate change data.

CLEAN Resource Feature

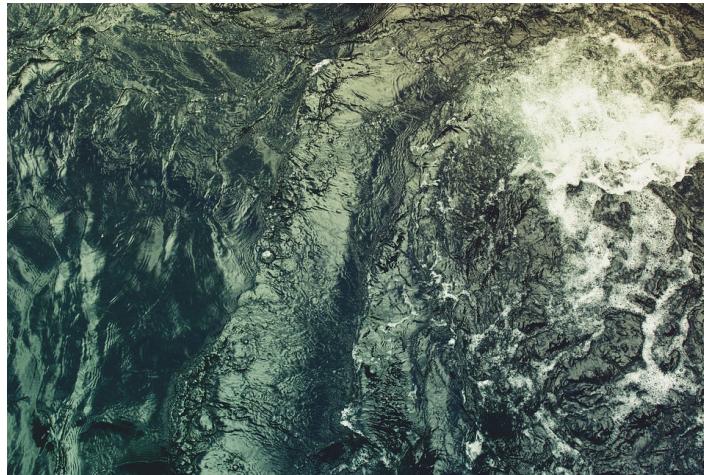
Activity: [Ocean Currents and Sea Surface Temperature](#)

Surface current and surface temperature are all vital in understanding concerns related to climate change. In this activity, students are able to research and learn more about crucial temperature data.

Audience: Middle School, High School

Take a look at some more CLEAN activities focused on [ocean temperature](#).

In this activity, students use the NASA website as a resource to find data on ocean current and temperature. Based on this research, students gather conclusions on the impacts of climate change in relation to the increase of temperature in Earth's oceans.



In the News: [Ode to Boaty McBoat Face](#)

The internet named submarine, Boaty McBoat Face, has been sending back crucial deep-sea data on the effects of ocean salinity and temperature on current climate change trends.

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