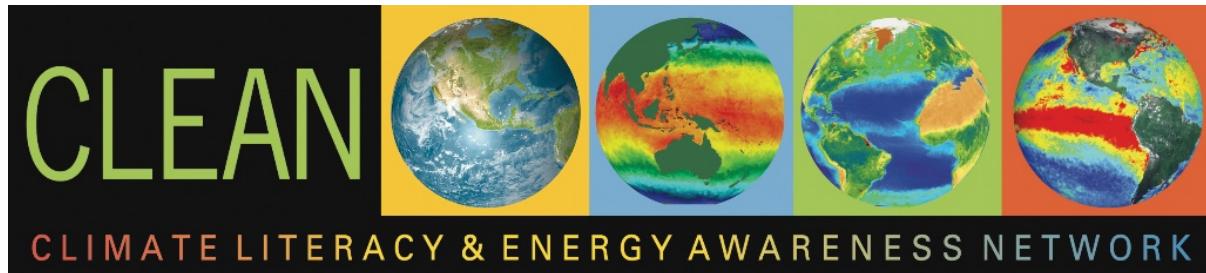
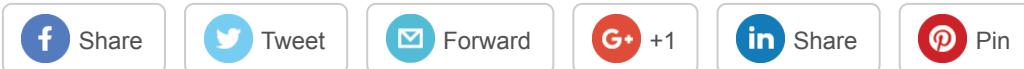


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## Register for the New CLEAN Webinar Series!

[Arctic Sea Ice Video](#) | [Disappearing Sea Ice Activity](#) | [Sea Ice Melt In the News](#)

### **CLEAN STEM Flash**

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

#### **Topic: Arctic Sea Ice**

What caused this year's extremely mild winter in the Arctic?

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#### **CLEAN Resource Feature**

##### **Video: [A New Climate State: Arctic Sea Ice 2012](#)**

This video from Yale Climate Collections gives a brief overview of how sea ice coverage has changed from the 1980s to 2012.

*Video length: 6:39 min.*

**Find more resources on [ice melt](#) in the CLEAN Collection.**

Previously, arctic sea ice was at its lowest in the summer of 2012. This year, that may change. This video shows, through



has changed over the past 35 years.

### CLEAN Resource Feature

#### Activity: Whither Arctic Sea Ice?

In this class activity, students work side-by-side with a real scientist to examine a case study involving real data on disappearing arctic sea ice.

*Activity length: a week's class time, can be considerably shortened. Requires computer and Internet access for each small team of students.*

**Find more activities about the [albedo effect](#) here!**

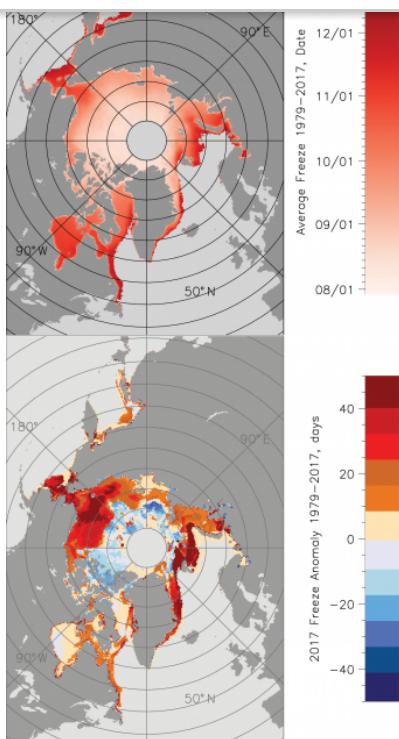
This activity from the National Snow and Ice Data Center is a clearly structured and engaging way to get students to interact directly with real data sets. Take a look at the Teaching Tips section for suggestions on how to integrate this activity into your classroom.



### Climate & Energy in the News

A new report from the National Snow and Ice Data Center shows that arctic sea ice has reached its [second lowest](#) minimum extent on satellite record.

Ice cover in the Antarctic has also hit its [second](#)



These graphs show the average Arctic Ocean ice freeze-up dates for 1979 to 2017 (top) and the number of days that freeze-up occurred earlier or later than average (bottom). Cool colors in the bottom graphic indicate earlier than average freeze-up, while warm colors indicate later than average freeze-up.

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

CLEAN supports teaching and learning about climate and energy with 650+ free peer-reviewed, scientifically accurate, and classroom-ready resources.

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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](#).

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