CLEAN STEM Flash

A timely climate and energy e-learning series to use and share

**Topic: Penguins in Peril**

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**CLEAN Resource Feature**

**Video:** Adelie Penguins

See how Adelie penguins in Antarctica are responding to changes in their habitat and competition from other penguin species in reaction to climate change.

*Video length: 2:17 min.*

Find more resources related to [Antarctica](https://mailchi.mp/4ac058f8d7d9/penguins) in the CLEAN Collection.

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This video from the Palmer Long-Term Ecological Research (LTER) station in Antarctica presents the problems the Adelie population faces from climate change and what is being done to monitor the situation on the continent.
CLEAN Resource Feature

Activity: Now You "Sea" Ice, Now You Don't: Penguin communities shift on the Antarctic Peninsula

This activity uses a jigsaw approach for students to investigate the population dynamics of the Adelie, Gentoo, and Chinstrap penguins in response to climate change.

Activity length: 3.5 hours total (flexible lesson scheduling)

Learn how life on Earth depends on, is shaped by, and affects climate, one of the climate concepts explained in the CLEAN Collection.

This activity from the Palmer LTER engages students in using scientific data and provides educators with links to resources to prepare for and extend the activity.

Climate & Energy in the News

Check out CNN's report on how climate change contributed to this breeding season's catastrophic loss of Adelie penguin chicks.
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.

Browse the CLEAN collection by NGSS topics.

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clean@colorado.edu
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