

National Climate Assessment: A Dynamic Resource for Bringing Climate Science Into Classrooms!

What is the National Climate Assessment?



This is a resource to help you learn about climate change in your region. The National Climate Assessment (NCA) is an important resource for understanding and learning about already observed changes, the current status of the climate, and anticipated trends for the future.

The information in the NCA will help educators and their students throughout the country learn about the state of the climate system, help citizens prepare themselves for climate change impacts, and help everyone understand how their everyday decisions impact the climate and the environment.

NCA key objectives:

- Evaluating, integrating, and assessing relevant climate science and information from multiple sources
- Summarizing and synthesizing the findings of the U.S. Global Change Research Program
- Increasing understanding of what is known and not known about climate change
- Informing climate science research priorities
- Building climate assessment capacity, including vulnerability assessment and documentation of impacts in regions and sectors
- Supporting climate-literacy and skilled use of NCA findings

What topics does it cover?

The Third NCA Report (NCA3) documents how climate change impacts regions (depicted on the map below) and sectors across the United States and society's responses to climate change.



- Our changing climate
- Water resources
- Energy supply and use
- Transportation
- Agriculture
- Forests
- Ecosystems and biodiversity
- Human health
- Water, energy and land use
- Urban
- Indigenous peoples, lands, and resources
- Land use and land cover change
- Rural communities
- Biogeochemical cycles
- Oceans
- Coastal zone
- Decision support
- Mitigation
- Adaptation

Read the National Climate Assessment www.globalchange.gov

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