Climate

Climate is the long-term average of the weather. It is observed over periods of many years, decades, and centuries. In many areas of the United States, the daily high temperature or the daily low temperature can vary by as much as 30 degrees F from day to day.

Teaching Resources from the Education GeoSource database

Curricula & Instruction Resources

ACS Climate Science Toolkit
American Chemical Society (ACS)
Global climate change, whether a result of natural variability or of human activity, is a vital issue for life on Earth and involves many processes...

Resource Type: Curricula and Instruction, Curriculum Materials
Grade Level: K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

Teaching Media Resources

Gallery of Weather and Climate
NASA's Climate Kids
Stills and text of changing climate and weather.

Resource Type: Teaching Media, Virtual Field Trips
Grade Level: K, 1, 2, 3, 4, 5

Outreach Programs
International Day for the Conservation of the Mangrove Ecosystem (July 26)  
United Nations Educational, Scientific and Cultural Organization (UNESCO)  
Mangroves are rare, spectacular and prolific ecosystems on the boundary between land and sea. They ensure food security for local communities. They...  

**Resource Type:** Commemorative Days and Events, Outreach Programs  
**Grade Level:** K, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12