

California Content Standards

This lecture, "Climate Change: What We Know and What We Need to Learn," supports the following standards:

Earth Science Standards: Grades 9-12

- Energy enters the Earth system primarily as solar radiation and eventually escapes as heat. As a basis for understanding this concept:
- Heating of Earth's surface and atmosphere by the sun drives convection within the atmosphere and oceans, producing winds and ocean currents. As a basis for understanding this concept:
- Climate is the long-term average of a region's weather and depends on many factors. As a basis for understanding this concept:
- Each element on Earth moves among reservoirs, which exist in the solid earth, in oceans, in the atmosphere, and within and among organisms as part of biogeochemical cycles. As a basis for understanding this concept