













External Causes of Climate Change

- Changes in incoming solar radiation
- Changes in the composition of the atmosphere
- Changes in the earth's surface
 - Emissions of CO₂ and other greenhouse gases are by no means the only way to change the climate.

Climate Change and Feedback Mechanisms

- Positive feedback mechanisms
- Negative feedback mechanisms
- Water vapor-greenhouse feedback
 - □ More water vapor \rightarrow More warming \rightarrow More water vapor...
- Snow-albedo feedback
 - Snow/ice melts → Reduces reflective nature of surface → More solar radiation → More warming...
 - Feedbacks cause climate changes to be either amplified or reduced.

























