

13.3 Energy in Ecosystems

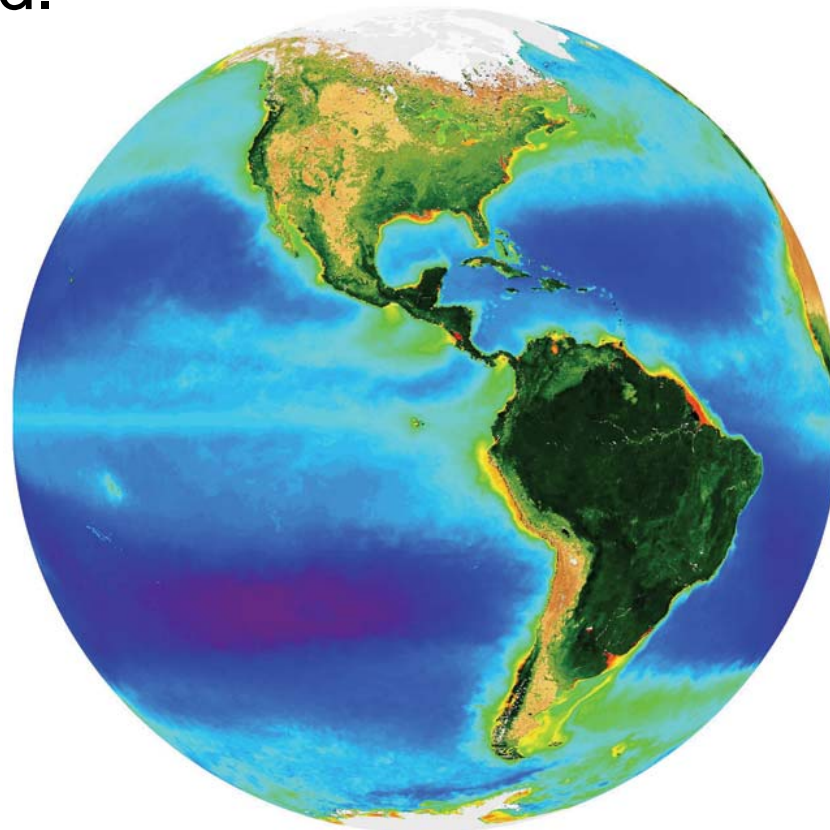
KEY CONCEPT

Life in an ecosystem requires a source of energy.



13.3 Energy in Ecosystems

- ▶ **Producers provide energy for other organisms in an ecosystem.**
 - Producers get their energy from non-living resources.
 - Producers are also called autotrophs because they make their own food.



13.3 Energy in Ecosystems

- ▶ **Producers provide energy for other organisms in an ecosystem.**
 - Consumers are organisms that get their energy by eating other living or once-living resources.
 - Consumers are also called heterotrophs because they feed off of different things.



13.3 Energy in Ecosystems

▶ Almost all producers obtain energy from sunlight.

- Photosynthesis in most producers uses sunlight as an energy source.
- Chemosynthesis in prokaryote producers uses chemicals as an energy source.

