

Chapter 14 Geology and Earth's Resources

Plate tectonics and the rock cycle shape Earth and its resources. It is important to understand the different mining techniques and how these techniques devastate the natural landscape. Mining Earth's resources creates environmental issues. There are both environmental and economic costs as well as benefits of mining.

Conservation of resources is a fundamental environmental topic, in particular, the importance of conservation with respect to recycling.

Geologic hazards, including earthquakes, volcanic eruptions, tsunamis, and floods have devastating effects on human establishments, as well as natural ecosystems. It is important to be able to describe the effects of each of the geologic hazards, including specific details of each hazard. For example, acidic aerosols result from a volcanic eruption and can lead to global cooling.