

Chapter 1: An Introduction to Geology

1. Opening presentation (Outline on web)
2. Careers in Geology and Environmental Science

The Science of Geology

Historical Notes About Geology

1. Catastrophism

2. The birth of modern geology

Geologic Time

The Nature of Scientific Inquiry

1. Hypothesis

2. Theory

3. Scientific methods

A View of Earth

1. Hydrosphere

2. Atmosphere

3. Biosphere

4. The solid earth

Earth as a System

Dynamic Earth

1. The Theory of plate tectonics

2. Plate boundaries

- Divergent boundaries

- Convergent boundaries

- Transform fault boundaries

- Changing boundaries