

PART ONE Fundamentals of Environmental Geology

- Chapter 1 Humans and the Geologic Environment 3**
- Chapter 2 Earth from a Larger Perspective 35**
- Chapter 3 Earth Materials 65**
- Chapter 4 Earth's Structure and Plate Tectonics 91**

PART TWO Hazardous Earth Processes

- Chapter 5 Earthquakes and Related Hazards 119**
- Chapter 6 Volcanoes and Related Hazards 157**
- Chapter 7 Mass Wasting and Related Hazards 193**
- Chapter 8 Streams and Flooding 223**
- Chapter 9 Coastal Hazards 257**

PART THREE Earth Resources

- Chapter 10 Soil Resources 291**
- Chapter 11 Water Resources 325**
- Chapter 12 Mineral and Rock Resources 359**
- Chapter 13 Conventional Fossil Fuel Resources 397**
- Chapter 14 Alternative Energy Resources 435**

PART FOUR The Health of Our Environment

- Chapter 15 Pollution and Waste Disposal 473**
- Chapter 16 Global Climate Change 509**