

Brief Contents

- 1 Physical Geography: Earth Environments and Systems 1
- 2 Representations of Earth 21
- 3 Solar Energy and Atmospheric Heating 47
- 4 Atmospheric Pressure, Winds, and Circulation 75
- 5 Humidity, Condensation, and Precipitation 101
- 6 Air Masses and Weather Systems 127
- 7 Climate Classification: Tropical, Arid, and Mesothermal Climate Regions 153
- 8 Microthermal, Polar, and Highland Climate Regions: Climate Change 191
- 9 Biogeography and Soils 223
- 10 Earth Materials and Plate Tectonics 255
- 11 Tectonic and Volcanic Processes and Landforms 283
- 12 Weathering and Mass Wasting 313
- 13 Water Resources and Karst Landforms 341
- 14 Fluvial Processes and Landforms 363
- 15 Arid Region Landforms and Eolian Processes 393
- 16 Glacial Systems and Landforms 421
- 17 Coastal Processes and Landforms 449