

# CHAPTER 7: CLIMATE AND BIODIVERSITY

## 7-1 What Factors Influence Climate?

- Earth Has Many Different Climates

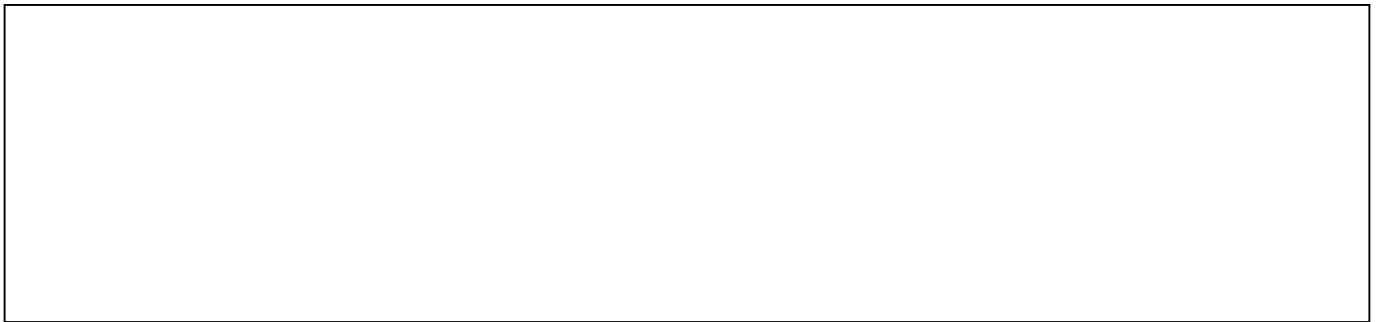


**Diagrams:**

● Greenhouse Gases Warm the Lower Atmosphere

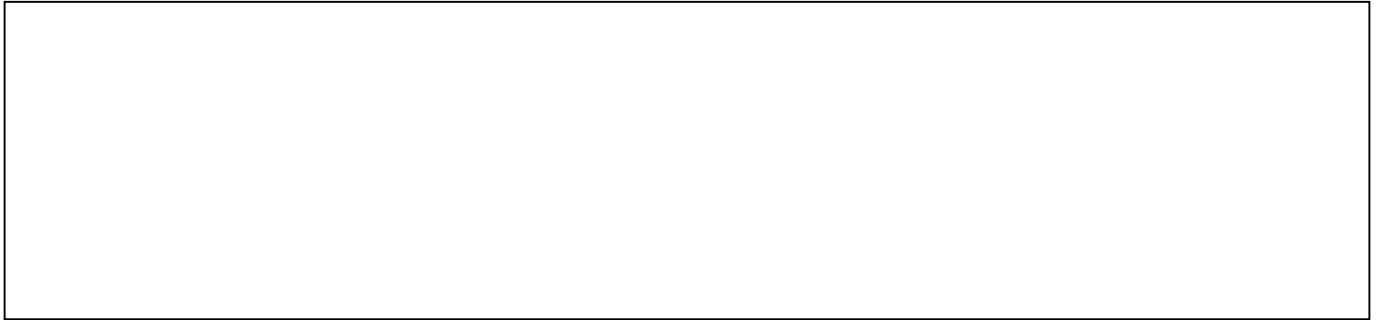
A large, empty rectangular box with a thin black border, intended for taking notes on the topic of greenhouse gases warming the lower atmosphere.

● Earth's Surface Features Affect Local Climates

A large, empty rectangular box with a thin black border, intended for taking notes on how Earth's surface features affect local climates.

## 7-2 How Does Climate Affect the Nature and Location of Biomes?

- Climate Helps Determine Where Organisms Can Live



**Diagrams:**

- Three Major Types of Deserts



**Diagrams:**

● Three Major Types of Grasslands



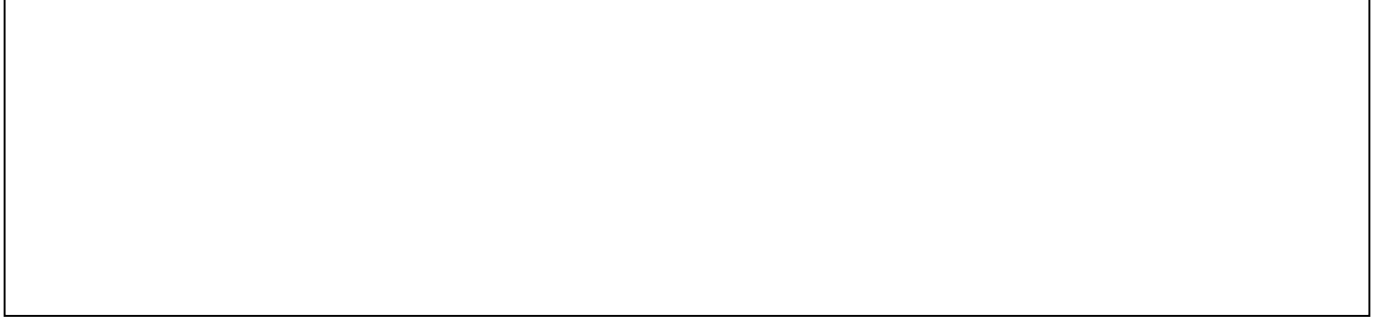
**Diagrams:**

● Three Major Types of Grasslands



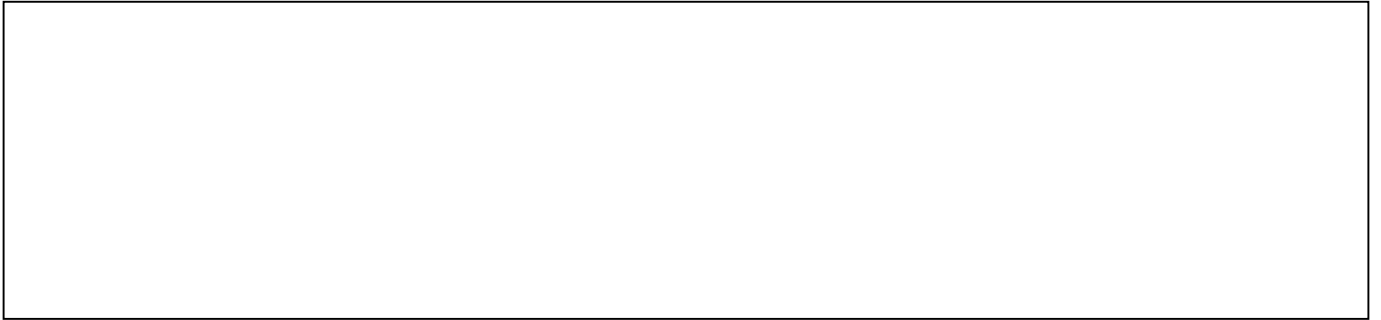
**Diagrams:**

● Mountains Play Important Ecological Roles



### 7-3 How Have We Affected the World's Terrestrial Ecosystems?

- Humans Have Disturbed Most of the Earth's Land



**Diagrams:**