GUIDED TOUR

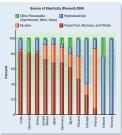
UP-TO-DATE COVERAGE OF CURRENT ISSUES

Environmental issues and the facts related to issues constantly change. Therefore, the authors strive to provide the most current information available.

6.1 SUCCESSION

PRIMARY SUCCESSION





8.4 THE ECONOMICS AND POLITICS OF ENERGY USE

Fuel Economy and Government Policy

WRITTEN FOR STUDENTS

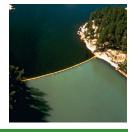
Headings and Subheadings

Numerous headings and subheadings help students follow the organization of the subject matter.

FOCUS ON

Focus On features provide in-depth coverage of current topics.





INTERRELATEDNESS IS A CENTRAL THEME

SCIENCE, POLITICS, & POLICY

This new feature shows how the scientific understanding of environmental problems is filtered through the lens of social and political goals to determine policy.

Text includes more than Science

Social, political, and economic aspects of environmental issues are included throughout the text.

POSITIVE TRENDS ARE HIGHLIGHTED

GOING GREEN

The Going Green feature provides specific examples that highlight positive change.

THINKING GREEN

The Thinking Green feature points out individual actions that can have an impact and encourage students to be involved.

THINKING GREEN

- Calculate your ecological footprint. Participate in sustainability activities in your community or university. Give up the use of your car for part of each week. Walk, bicycle, or take public transportation.

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Read Silent Spring, A Sand County Almanac, and Walden.
Work with a local business in helping it apply green concepts.

State/F

(a)

Okla

EXCELLENT ILLUSTRATIONS

Photos, drawings, and tables are used to help students visualize complex ideas and organize their thinking.

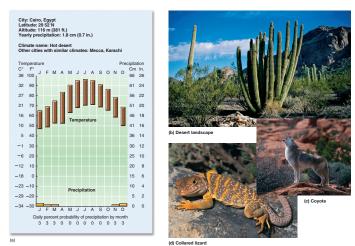
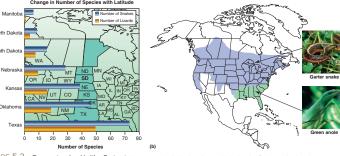


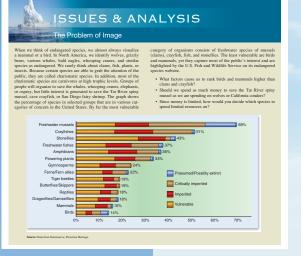
FIGURE 6.10 Desert (a) Cimagraph for Cairo, Explot (b) The desert receives less than 25 certimeters (10 inches) of precipitation with life. Cactus, sagebrush, lichers, snakes, small mammals, birds, and insects inhabit the desert. (c) Coyotes are common in North America Izanda are common reptiles in many deserts of the United States. Bocause day/me temperature durity, most animals are active are temperature down, where maintails are solved with the many parts of the work, where maintails and what temperature down the temperature





Temperature is a juniting Factor Cold temperature is a fimiling factor for many kinds of replies. Snakes and loards are less com-then in warm regions. (a) The graph shows the number of species of snakes and loards in regions of central North America. Note that the fedines as one proceeds from south to north. (b) Some species, lie the common getter snake (Thermophe airfails), have a broad range of thinted by cold temperature. It is bound throughout the United States and several Canadian provinces. However, the green ande (Anols ery narrow range of tolerance and is found only in the warm, humid southeastern states. FIGURE 5.3 number of species declines as one p tolerance and are not limited by colo

CRITICAL THINKING AND APPLICATIONS – VITAL For every student!



CRITICAL THINKING ESSAY

An essay on critical thinking is present in the front matter of the text.

Issues & Analysis Readings

Issues & Analysis readings present real-world, current issues and provide questions that prompt students to think about the complex issues involved.

What's Your Take?

This feature presents an issue and asks students to choose one side of the issue and develop arguments that support their position. This activity helps students develop and enhance their critical thinking skills.



CRITICAL THINKING QUESTIONS

Critical Thinking Questions appear at the end of each chapter. The questions require students to evaluate information, recognize bias, characterize the assumptions behind arguments, and organize information.

CRITICAL THINKING QUESTIONS

- Minimum tillage soil conservation often uses greater amounts of herbicides to control weeds. What do you think about this practice? Why?
 As populations grow, should we try to bring more land into food production, or should we use technology to aid in producing more food on the land we already have in producing? What are the trade-offs?
- Imagine that you are a scientist hired to consult on a project to evalu ate land-use practices at the edge of a small city. The area in question has deep ravines and hills. What kinds of agricultural, commercial and logging practices would you recommend in this area to help preserve the environment?
- 6. Look at your own community. Can you see examples of imprope land use (urban or rural)? What are the consequences of these land use practices? What recommendations would you make to improv long use?
- Given what you know about soil formation, how might yo the presence of a thick A horizon in soils in the North A Midwest?
 Why should nonfarmers be interested in soil conservation?

Foldout Maps

Included at the end of this book as foldouts are two maps: a political map showing the boundaries of the countries throughout the world and a global vegetation map.

