

Why You Should Adopt

Environmental Science

Systems and Solutions

SIXTH EDITION

Includes Navigate 2 Advantage Access

✔ **Option 1:** Paperback with Navigate 2 Advantage Access
ISBN: 978-1-284-09170-0 • 576 pages • © 2019

✔ **Option 2:** Navigate 2 Advantage Access Only
ISBN: 978-1-284-09172-4 • © 2019
50% off the list price of the printed textbook



Learning Objectives

Case Study

Study Questions

What's the Evidence? questions

Summary

Key Terms

Calculations questions

Illustration and Table Review questions

Putting the Science Back into the Environment

Whether you view the subject through a scientific, social, political, or historical lens, you'll find the concrete foundations here that work for courses in both environmental science and environmental studies. Combining evidence-based, contemporary information and data with relevant case studies, practical applications, numerous calculations, and modern references, this book teaches and engages.

Key Features:

- **Thought-provoking case studies** of current and relevant issues encourage critical thinking
- **Unique What's The Evidence? feature** invites the reader to review arguments and determine their validity
- **Updated data and statistics and additional tables** provide a fresh and current picture of the subject
- **An expanded selection of calculations problems** challenges the student and encourages them to apply new practical skills
- **Visually stunning design** with new and revised figures, photographs, and tables
- **Two bonus chapters** covering *Social Solutions to Environmental Concerns* are available online within the eBook

Teaching & Learning Environmental Science Just Got Easier With Navigate 2 Advantage Access

- ★ **Learn:** A Complete eBook with Interactive Tools and Two Bonus Chapters Not Found in the Printed Text!
- ★ **Practice:** A Virtual Study Center with Robust Practice Activities & Flashcards
- ★ **Assess:** A Homework & Testing Assessment Center with Pre-Populated Quizzes and Examinations (Available to Adopting Instructors with Course ID)
- ★ **Analyze:** A Dashboard that Reports Actionable Data (Available to Adopting Instructors with Course ID)

Course Materials

Learning Tools

- Interactive eBook
- Web Links
- Flashcards
- Learning Objectives
- Lecture Slides in PowerPoint format
- Image Bank in PowerPoint format
- Answer Key to Odd-Numbered Questions

Teaching Tools (available with Course ID)

- Lecture Slides in PowerPoint format
- Image Bank in PowerPoint format
- Instructor's Manual including Chapter Outlines and Answers to Even-Numbered Questions
- Answer Key to Odd-Numbered Questions
- Transition Guide showing changes between editions
- Pre-Populated Quizzes and Examinations with Automatic Grading
- Dashboard with actionable data
- Hassle-free Gradebook
- Course Management Tools

Navigate 2 is fully hosted by Jones & Bartlett Learning, is mobile-ready, and is compatible with Blackboard and other third party learning management systems. A Navigate Implementation Specialist will be your personal resource to answer questions, set up your course, and maintain your customizations from semester to semester.

eBook Resources

Chapter	Title	Knowledge Check Questions (not graded)	# of Web Links
Section 1: The Environment and People			
1	Environmental Science: An Overview	18	5
2	Human Population Growth	12	5
Section 2: The Environment and History of Life on Planet Earth			
3	The Ever-Changing Earth: The Biosphere and Biogeochemical Cycles	12	17
4	The Distribution of Life on Earth	8	5
5	The Dynamic Earth and Natural Hazards	4	5
Section 3: Resource Use and Management			
6	People and Natural Resources	20	5
7	Fundamentals of Energy, Fossil Fuels, and Nuclear Energy	10	5
8	Renewable and Alternative Energy Sources	16	5
9	Water Resources	10	5
10	Mineral Resources	14	4
11	Conserving Biological Resources	8	9
12	Land Resources and Management	10	9
13	Food and Soil Resource	6	6
Section 4: Dealing with Environmental Degradation			
14	Principles of Pollution Control, Toxicology, and Risk	10	6
15	Water Pollution	10	6
16	Air Pollution: Local and Regional	10	5
17	Global Air Pollution: Destruction of the Ozone Layer and Global Climate Change	6	5
18	Municipal Solid Waste and Hazardous Waste	6	5
Section 5: Social Solutions to Environmental Concerns (Bonus eBook Chapters!)			
19	Environmental Economics	12	6
20	Historical and Cultural Aspects of Environmental Concerns	6	7

Technical Support Services

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