

 Cengage MindTap

# Environmental Science

**Sixteenth Edition, ©2019**  
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**9781337569743**

In partnership with National Geographic, authors Miller and Spoolman deliver a text that equips students with the inspiration and knowledge to help solve modern environmental issues. ENVIRONMENTAL SCIENCE, 16th Edition, highlights important work of scientists and citizens, while photos, maps and illustrations bring course content to life. A concept-centered approach transforms complex topics into key concepts students understand. Using sustainability as their central theme, the authors emphasize natural capital, natural capital degradation, solutions, trade-offs and the importance of individuals. Students learn how nature works, how they interact with it and how humanity can continue to sustain its relationship with the earth by applying nature's lessons to economies and individual lifestyles. Available with MindTap, the platform that gives instructors complete control of their course and powers students from memorization to mastery.

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## What's New in this Edition

- The new "Learning from Nature" feature appears in most chapters and includes a set of brief summaries of specific applications of biomimicry in various industries and fields of research.
- Many of the new photographs are from the archives of NATIONAL GEOGRAPHIC. In addition, more than 130 diagrams are included to present complex ideas in understandable ways
- New Core Case Studies for eight of the book's 17 chapters
- Providing a heavier emphasis on data analysis, the 16th edition adds new questions to the captions of all figures that involve data graphs, prompting students to analyze the data represented in the figure.
- Updated throughout using thousands of articles and reports published between 2013 and 2017, major new or updated topics range from fracking to the Northern Pacific Garbage Patch
- An all-new Econumbers feature highlights key statistics that are helpful for students to remember

## Technology

MindTap is a cloud-based, highly personalized, learning environment that combines student learning tools—readings, multimedia, activities, and assessments—into a single Learning Path.

Teachers can easily customize learning tools for their students, seamlessly introducing their own content, and also have access to powerful class reports and analytics to help save time, measure progress, and improve outcomes.