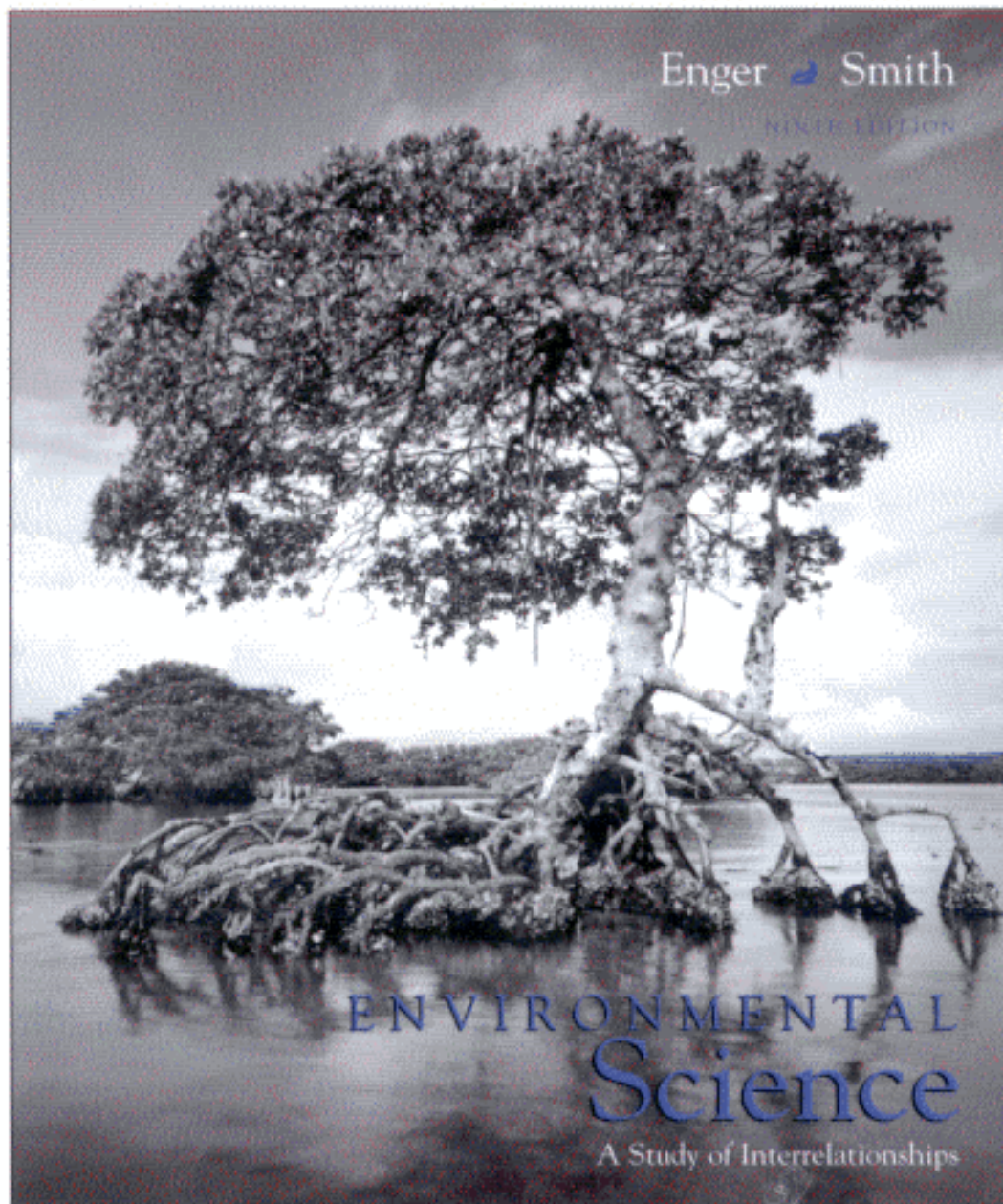


INTERNATIONAL EDITION



Enger & Smith

SIXTH EDITION



ENVIRONMENTAL  
*Science*

A Study of Interrelationships

McGraw-Hill

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- more information on the Global Reporting Initiative
- new Global Perspective reading on the gray whales of Neah Bay

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- more information on extended product responsibility



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- rewritten section on the scientific method
- additional material and an illustration on isotopes
- new section on the molecular nature of matter
- clarification usage of the words molecule, compound, ions
- new material on endothermic and exothermic reactions
- new content on chemical reactions for photosynthesis and respiration

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- updated human population information
- more explanation on how the population growth rate is calculated
- new illustration on survivorship curves
- revised material on age distribution
- updated **Issues—Analysis** reading on wolves and moose on Isle Royale

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- updated information on human population issues
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- revised section on population growth and standard of living
- more information from the 2000 census
- updated material on AIDS



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- expanded section on the instability of global oil production
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- updated statistics on oil consumption by the world
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- updated information on the Arctic National Wildlife Refuge
- updated material on gasoline price swings
- new Global Perspective reading on hydrogen fuel cells

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**New for Chapter 11**

- new Environmental Close-up reading on the Hanford Facility
- updated text on Chernobyl and worldwide nuclear power plants
- expanded section on decommissioning policies for nuclear facilities
- more information about nuclear terrorism

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#### New for Chapter 12

- rewritten section on plantation forestry
- clarified definitions of marine, brackish, and freshwater
- updated figure on forms of pollution
- new figure on change in forest areas
- new figure on trends in world fish production, including capture and aquaculture
- rewritten section on aquaculture
- new material on the African Eurasian waterbird agreement
- new coverage on the role of keystone species and how their elimination alters ecosystems
- updated references to President Bush's administrative policy

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- new section on smart growth
- new table on state comprehensive growth legislation

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#### New for Chapter 14

- table 14.1, *Percentage of Land Suitable for Agriculture*, has been updated
- information on land degradation has been expanded

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- new *Environmental Close-Up* reading on industrial livestock production
- reorganization of section on integrated pest management
- updated information on genetically modified organisms

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#### New for Chapter 16

- new *Global Perspective* reading on the dead zone of the Gulf of Mexico
- expanded coverage on global water issues
- more information on water treatment in the Salina Valley, California
- expanded material on chemicals entering drinking water sources
- more discussion of the New York City water supply
- additional text on water diversions and extractions
- expanded material on wetlands
- new table on the population of the world's ten largest watersheds
- new table on international water disputes
- new coverage of the National Research Council's report on *Envisioning the Agenda for Water Resource Research in the 21st Century*



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**New for Chapter 17**

- fully reorganized chapter
- text now includes material on the six criteria air pollutants
- two new figures on photochemical smog
- new figure on thermal inversion
- new data on emissions and air quality
- new data on average global temperature
- new table on categories of air pollutants

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- new material on mining, manufacturing, and agricultural solid waste
- updated information about Fresh Kills landfill
- revised material on kinds of composting

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**New for Chapter 19**

- new information on the different agencies that set regulations
- additional coverage on the success of Superfund
- updated tables on hazardous substances and wastes
- new figure on toxic releases
- new figure on pollution-prevention hierarchy

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**New for Chapter 20**

- new section on biological, chemical, and eco-terrorism
- updated table on U.S. environmental and resource conservation legislation
- new Environmental Close-Up reading on United States environmental policy



**Appendix 1:**  
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