

## ENVIRONMENTAL SCIENCE LAB MANUALS AND OTHER BOOKS

Updated February 2012

### Introduction

This list identifies environmental science textbooks distributed by various publishers. The Wisconsin Center for [Environmental Education Resources Library](#) has copies of several of the books available for review, either in person by visiting the library in Stevens Point or through the Wisconsin Library System Delivery Network.

[How to access books](#)

Environmental Science Lab Manuals	
Book descriptions are from the publishers' websites. Doing an Internet search will bring up more information about each book.	
<b>Author</b>	Roa, Michael
<b>Title</b>	Environmental Science Activities Kit
<b>Publisher</b>	Jossey-Bass
<b>Publish Date</b>	2008
<b>Description</b>	This timely update of the popular Environmental Science Activities Kit includes more than 35 lessons for middle and high school science teachers on the most compelling and relevant environmental topics, such as global warming, food and water production, alternative energy sources, endangered species, land-use issues, and many more.
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<b>Author</b>	Volz, Donald
<b>Title</b>	Investigating Environmental Science through Inquiry
<b>Publisher</b>	Vernier Software & Technology
<b>Publish Date</b>	2007
<b>Description</b>	Investigating Environmental Science through Inquiry contains 34 inquiry-based, environmental science investigations. Each experiment includes a preliminary activity, teacher information, sample researchable questions, and sample data. Labs are correlated to AP and IB standards. Topics covered include: Earth Systems and Resources/Air and Water, Earth Systems and Resources/Soil, The Living World, Global Change and Population, Energy Resources and Consumption, Pollution. ESRI's free GIS software, ArcExplorer Java Edition for Education (AEJEE) is included.
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<b>Author</b>	Wagner, Travis P; Sanford, Robert
<b>Title</b>	Environmental Science: Active Learning Laboratories and Applied Problem Sets, 2nd Edition
<b>Publisher</b>	Wiley
<b>Publish Date</b>	2009
<b>Description</b>	Environmental Science: Active Learning Laboratories and Applied Problem Sets is designed to introduce environmental science students to the broad, interdisciplinary field of environmental science by presenting specific labs that use natural and social science concepts to varying degrees and by encouraging a "hands on" approach to understanding the impacts from the environmental/human interface. The laboratory and homework activities are designed to be low-cost and to reflect a sustainability approach in practice and in theory.
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<b>Author</b>	Wells, Edward
<b>Title</b>	Lab Manual for Environmental Science
<b>Publisher</b>	Cengage Learning

<b>Publish Date</b>	2009
<b>Description</b>	New to support the Miller's Environmental Science texts, this lab manual includes both hands-on and data analysis labs to help students develop a range of skills. Create a custom version of this lab manual by adding labs that you have developed or choose from our collection with Cengage Custom Publishing.

## OTHER ENVIRONMENTAL SCIENCE BOOKS

<b>Author</b>	Easton, Thomas
<b>Title</b>	Taking Sides: Clashing Views on Environmental Issues, 15th Edition
<b>Publisher</b>	McGraw Hill
<b>Publish Date</b>	2013
<b>Description</b>	Taking Sides volumes present current controversial issues in a debate-style format designed to stimulate student interest and develop critical thinking skills. Each issue is thoughtfully framed with Learning Outcomes, an Issue Summary, an Introduction, and an Exploring the Issue section featuring Critical Thinking and Reflection, Is There Common Ground?, and Additional Resources. Taking Sides readers also offer a Topic Guide and an annotated listing of Internet References for further consideration of the issues. An online Instructor's Resource Guide with testing material is available for each volume. Using Taking Sides in the Classroom is also an excellent instructor resource. Visit <a href="http://www.mhhe.com/takingsides">www.mhhe.com/takingsides</a> for more details.

<b>Author</b>	Eathorne, Richard
<b>Title</b>	Annual Editions: Environment 12/13, 31st Edition
<b>Publisher</b>	McGraw Hill
<b>Publish Date</b>	2013
<b>Description</b>	The Annual Editions series is designed to provide convenient, inexpensive access to a wide range of current articles from some of the most respected magazines, newspapers, and journals published today. Annual Editions are updated on a regular basis through a continuous monitoring of over 300 periodical sources. The articles selected are authored by prominent scholars, researchers, and commentators writing for a general audience. The Annual Editions volumes have a number of common organizational features designed to make them particularly useful in the classroom: a general introduction; an annotated table of contents; a topic guide; an annotated listing of selected World Wide Web sites; and a brief overview for each section. Each volume also offers an online Instructor's Resource Guide with testing materials.