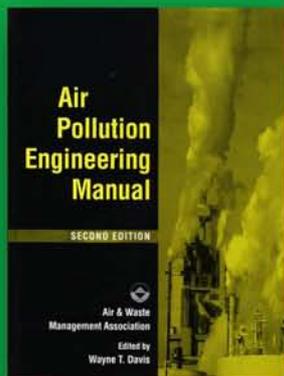




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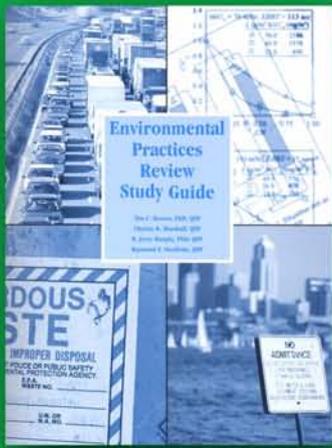
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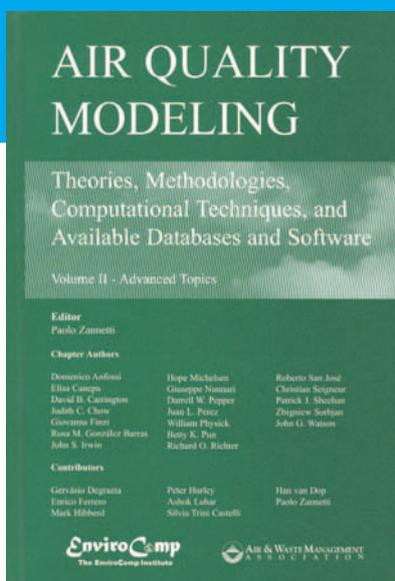
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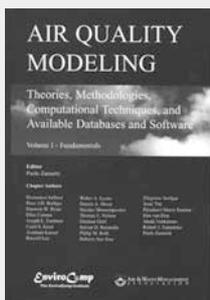
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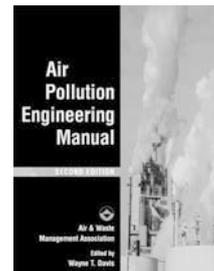
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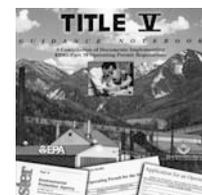
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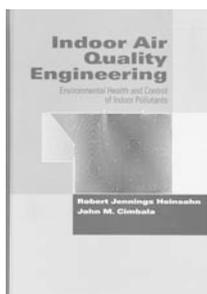
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by Yuanhui Zhang

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ISBN-10 1566706742, ISBN-13 9781566706742, 640 pages

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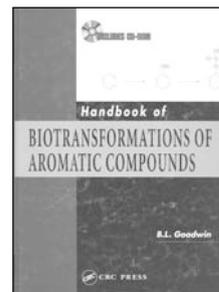
by B.L. Goodwin

2004, CRC Press/Lewis Publishers

ISBN-10 0415271762, ISBN-13 978015271769, 2128 pages



Understanding the biotransformations of aromatic compounds and how they metabolize in animals, plants, and microbes is central to the applications in a wide range of industries, such as the design and testing of natural and synthetic pharmaceuticals, oil refining, the development of agrochemicals, bioremediation, and for use in functional genomics and xenobiotics. Presenting the most complete resource of its kind, this text examines 20,000 aromatic compounds researched since 1972, and assembled from all the major, relevant journals. The author focuses his coverage on the biotransformation in animals, plants, and microbes while remaining within the scope of aromatic compounds that contain, or are fused with, at least one aromatic C6 ring.



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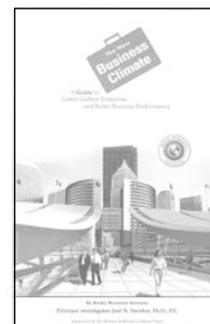
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2003, Rocky Mountain Institute

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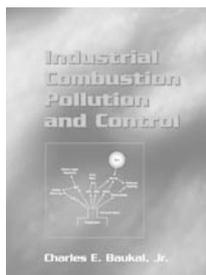
by Charles E. Baukal  
2003, CRC Press/Lewis Publishers

ISBN-10 0824746945, ISBN-13 9780824746940, 600 pages, hardcover



This text explores minerals production (glass, cement, and bricks), chemical production, and waste incineration. Key chapters discuss pollutants such as NO<sub>x</sub>, unburned hydrocarbons, SO<sub>x</sub>, particulates, noise and vibration, CO<sub>2</sub>, dioxins and furans, and thermal radiation.

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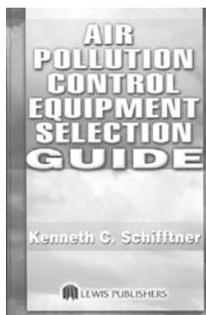
## Air Pollution Control Equipment Selection Guide

by Kenneth C. Schifftner  
2002, Lewis Publishers

ISBN-10 1587160692, ISBN-13 9781587160691, 228 pages, hardcover

This guide provides extensive information on the best equipment available for any air pollution control problem. Instead of endorsing one technology over another, the author provides general information so that you can decide on the proper technology to use for any given application. The book offers ample introductory information, including a helpful "Air Pollution 101" chapter that reviews the basics of air pollution control. The text is divided into sections that are organized by the primary technology employed (e.g., Quenching, Cooling, Particulate Removal, Gas Absorption).

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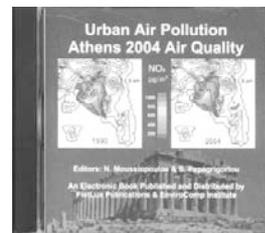
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edited by N. Moussiopoulos and S. Papagrigroriou  
2002, EnviroComp Institute

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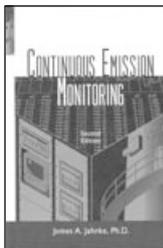
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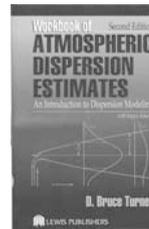
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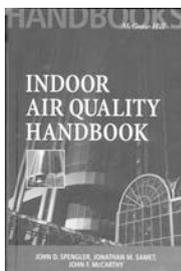
2000, McGraw-Hill

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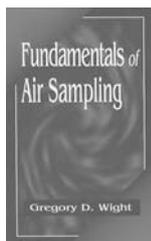
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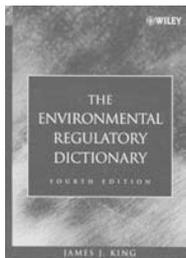
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by James J. King  
2005, John Wiley & Sons

ISBN-10 0471705268, ISBN-13 9780471705260, 507 pages, hardcover

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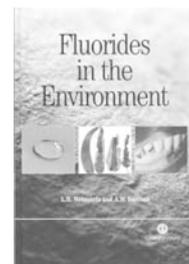
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by L.H. Weinstein, A.W. Davison  
2004, CABI Publishing

ISBN-10 0851996833, ISBN-13 9780851996837, 320 pages, hardcover

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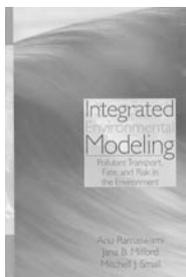
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by Anu Ramaswami, Jana B. Milford, Mitchell J. Small  
2005, John Wiley & Sons

ISBN-10 047135953X, ISBN-13 9780471359531, 688 pages, hardcover

This book teaches model development, model implementation, and model testing skills in a unified manner. It crosscuts the three "media" comprising environmental systems—air, water, and soil—by focusing on parallels and similarities among them, and introduces a new generation of multimedia models. Complete with case studies, this is a single-source tool for senior and graduate students in environmental science and engineering courses on pollutant transport, remediation, and risk assessment, and is an essential reference text for professionals in industry, consulting, and government agencies responsible for environmental assessment and risk analysis.

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by Roy J. Lewicki, Barbara Gray, and Michael Elliott  
2002, University of Chicago

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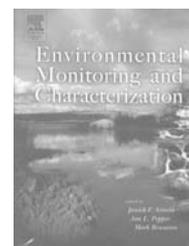
## Environmental Monitoring and Characterization

by Janick F. Artiola, Ian L. Pepper, and Mark Brusseau  
2003, Elsevier

ISBN-10 0120644770, ISBN-13 9780120644773, 410 pages, hardcover

This is an integrated, hands-on resource for monitoring all aspects of the environment. Sample collection methods and relevant physical, chemical, and biological processes necessary to characterize the environment are brought together in twenty chapters, which cover sample collection methods; monitoring terrestrial, aquatic, and air environments; and relevant chemical, physical, and biological processes and contaminants. This book will serve as an authoritative reference for advanced students and environmental professionals.

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## Changing Environments

by Dick Morris, Joanna Freeland, Steve Hinchliffe, and Sandy Smith  
2003, John Wiley & Sons

ISBN-10 0470849991, ISBN-13 9780470849996, 344 pages, softcover

Are we humans destroying the environments in which we live, or is environmental change inevitable and natural? How has the relationship between human societies and environments changed since pre-history? Will human population growth outpace the available resources of land and water? Are global warming and climate change already out of control? What can economic and political models tell us about international development? *Changing Environments* takes a broad, interdisciplinary approach to such questions, drawing on ideas from science, technology, social science and humanities to examine how and why environments change as a result of natural and human-mediated processes.



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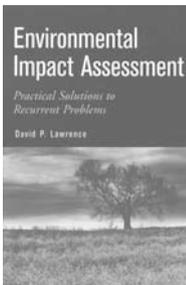
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## Environmental Impact Assessment: Practical Solutions to Recurrent Problems

by David P. Lawrence  
2003, John Wiley & Sons

ISBN-10 0471457221, ISBN-13 9780471457220, 562 pages, hardcover

This book challenges the prevailing assumption that Environmental Impact Assessment (EIA) should be structured around a unitary EIA process. It begins by identifying, through a scenario, eight recurrent problems in EIA practice. The characteristics of multiple variations of conventional EIA processes, at both the regulatory and applied levels, are then presented. The residual problems that remain after the conventional processes are described and assessed provide the springboard for a description and analysis of eight alternative EIA processes.



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## Contested Environments

by Nick Bingham, Andrew Blowers, and Chris Belshaw  
2003, John Wiley & Sons

ISBN-10 0470850000, ISBN-13 9780470850008, 352 pages, softcover

Why are food scares becoming so common? Whose voices count in decisions affecting the landscapes where we live? Will there soon be wars over water? By bringing together perspectives from science, social science, technology, and humanities, this book addresses in a uniquely interdisciplinary way why environmental issues are so often controversial. Other features include detailed examination of a wide range of topics from specific disputes, such as those around GM crops, national parks, energy policy, water supply, and international trade, to broader debates like environmental justice, economic valuation of environments, and the media.



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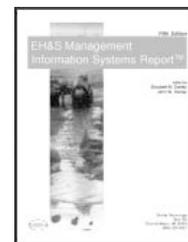
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## EH&S Management Information Systems Report, Fifth Edition

2004, Donley Technology

ISBN-10 1891682148, ISBN-13 9781891682148, 390 pages, electronic

This popular 390-page electronic book contains profiles of 23 comprehensive systems for environmental, health, and safety management. It also contains more than 90 pages of tables comparing system features and describes trends in the EMIS market overall. The new edition is delivered via the web in HTML and PDF format. Electronic access is available until a new edition is produced.



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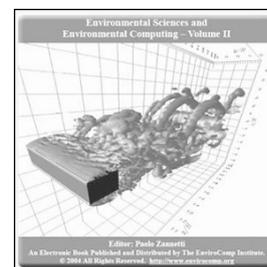
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## Environmental Sciences and Environmental Computing, Volume II

edited by Paolo Zannetti  
2004, EnviroComp Institute

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This is the second volume of a series of electronic books presenting review papers and case studies on subjects related to environmental sciences and environmental computing. Most of the chapters deal with environmental pollution in all media (air, water, soil, groundwater, and biota), with particular emphasis on the computational aspects, such as data analysis, simulation modeling, numerical forecasting, optimization, and computer visualization.



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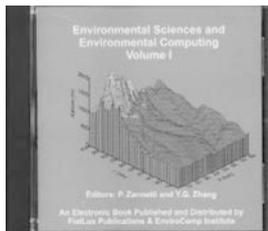
\$74.00 A&WMA Members only

## Environmental Sciences and Environmental Computing, Volume I

edited by P. Zannetti and Y.Q. Zhang  
2002, EnviroComp Institute

CD

*Environmental Sciences and Environmental Computing, Volume I*, is the first of a series of electronic books focusing on environmental sciences and the use of computers to understand, simulate and predict environmental phenomena. The book is fully hypertexted and contains eight technical chapters and other information. Text, equations, and graphics are presented in Adobe Acrobat format. The Adobe Acrobat Reader software (version 3.01) for a wide variety of systems is included in the CD-ROM.



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## Introduction to Environmental Risk Analysis Self-Study Course

by C. Richard Cothorn  
2002, ABS Consulting

421 pages, spiral bound

This 13-lesson self-study course is designed for those who need to understand and quantify environmental risks. The concepts taught are particularly relevant to environmental and safety specialists, professionals involved in cleanups at Superfund and brownfields sites, attorneys who need to understand the risk aspects of their legal cases, medical personnel, natural resources managers, and government regulators. A course instructor is available to answer your questions by fax or e-mail.



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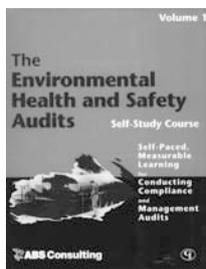
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## Environmental Health And Safety Audits Self-Study Course

by Jay Collert  
2002, ABS Consulting

529 pages, spiral bound

Learn to develop and conduct effective audits of your environmental compliance and management activities. Students will find tools and templates for building successful audit programs, including a sample EH&S Audit Program Manual. The course leads you step-by-step through the auditing process and brings you up-to-date on changes in EPA's and OSHA's auditing policies. A course instructor is available to answer your questions by fax or e-mail.



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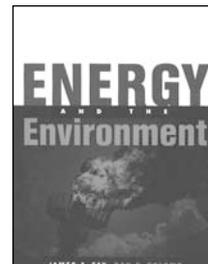
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## Energy and the Environment

by James A. Fay and Dan S. Golomb  
2002, Oxford University Press

ISBN-10 0195150929, ISBN-13 9780195150926, 314 pages, hardcover

*Energy and the Environment* offers a timely treatment of a critical problem in urban-industrial societies: the worldwide growth of energy use and the destructive relationship between this energy use and environmental degradation. This comprehensive text provides the scientific and technological background for understanding how our ever-increasing use of energy threatens the natural environment at local, regional, and global scales and how this threat could be mitigated by more efficient use of conventional energy sources and their replacement by renewable energy sources. Designed for upper-level undergraduate and first-year graduate students, this is essential reading for students and professionals in energy and environmental sciences and technology.



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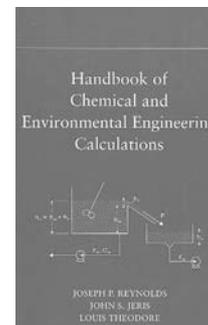
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## Handbook of Chemical and Environmental Engineering Calculations

by Joseph P. Reynolds, John S. Jeris, and Louis Theodore  
2002, Wiley Publishers

ISBN-10 0471402281, ISBN-13 9780471402282, 948 pages, hardcover

This book provides approximately 600 real-world, practical solutions to environmental problems that involve chemical engineering, enabling engineers and applied scientists to meet the professional challenges they face day-to-day. Ideal for students at the graduate and undergraduate levels, this book is also a comprehensive reference for all plant and environmental engineers.



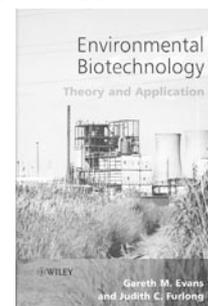
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## Environmental Biotechnology: Theory and Application

by Gareth M. Evans and Judith C. Furlong  
2003, John Wiley & Sons

This book takes a thematic and environmentally focused approach the subject of biotechnology and provides an accurate reflection of environmental biotechnology in current practice. It examines the potential for biotechnological interventions and current industrial practice, with the underpinning microbial techniques and methods described, in context, against this background.



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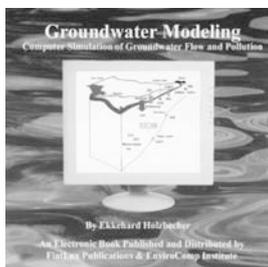
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**Groundwater Modeling: Computer Simulation of Groundwater Flow and Pollution**

by Ekkehard Holzbecher  
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This electronic book provides a comprehensive overview of deterministic modeling of groundwater, as well as technical details on special fields of application.

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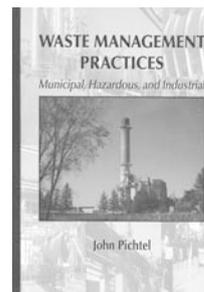


**Waste Management Practices: Municipal, Hazardous, and Industrial**

2005  
ISBN-10 849335256, ISBN-13 9780849335259, 688 pages, hardcover

This practical guide for the identification and management of a range of hazardous wastes integrates technical information—including chemistry, microbiology, and engineering—with current regulations. Emphasizing basic environmental science and related technical fields, the book is an introductory manual for waste management as mandated by RCRA and related statutes. Few, if any, other references collectively and comprehensively address the management of household, industrial, commercial, and hazardous wastes.

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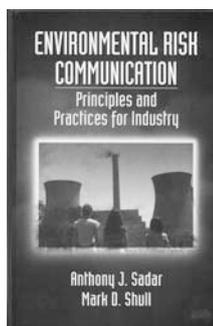
**Environmental Risk Communication—Principles and Practices for Industry**

by Anthony J. Sadar and Mark D. Shull  
1999, CRC Press, Inc.

ISBN-10 1566704901, ISBN-13 9781566704908, 152 pages, hardcover

Industry faces a labyrinth of environmental and business regulations and unique challenges in dealing with the public and the media. *Environmental Risk Communication* serves as a guide to understanding and complying with the Federal Risk Management Program and applying risk management and communication principles to daily plant operations. This book also helps Risk Management Plan (RMP) facilities successfully meet the new federal requirements for public disclosure of RMP offsite consequence analysis results and provides techniques for communicating effectively during environmental emergencies.

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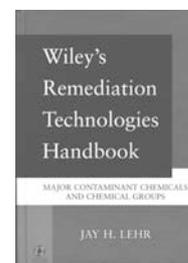
**Wiley's Remediation Technologies Handbook: Major Contaminant Chemicals and Chemical Groups**

by Jay H. Lehr  
2004, John Wiley & Sons

ISBN-10 0471455997, ISBN-13 9780471455998, 1288 pages, hardcover

This book lists in alphabetical order 368 chemicals and chemical groups, extracted from the EnviroGlobe database. Also included are numerous technologies, many of which are patented or trademarked techniques, to remediate them. It covers the most important chemicals and chemical groups that are found to pollute the environment, the ways to remediate them, and gives succinct abstracts describing the numerous technologies used to clean up a wide range of pollutants.

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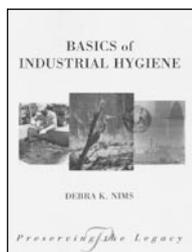


**Basics of Industrial Hygiene**

by Debra K. Nims  
1998, John Wiley & Sons, Inc.  
ISBN-10 0471299839, ISBN-13 9780471299837, 345 pages, softcover

Begins with a historical overview of the art and science of industrial hygiene, followed by a concise review of key concepts and terms from biology and toxicology.

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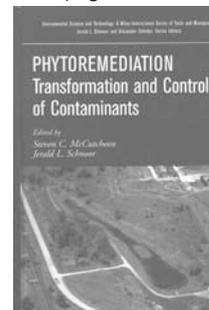
**Phytoremediation: Transformation and Control of Contaminants**

by Steven C. McCutcheon and Jerald L. Schnoor  
2003, John Wiley & Sons

ISBN-10 0471394351, ISBN-13 9780471394358, 987 pages, hardcover

Phytoremediation is an exciting new method for controlling and cleaning up hazardous wastes using green plants. This book is the first to compile the state of the science and engineering arts in this rapidly advancing field. Written by two of the premier experts in the field, it approaches the subject from the perspectives of biochemistry, genetics, toxicology, and pathway analysis.

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### Design of Landfills and Integrated Solid Waste Management, Third Edition

by Amalendu Bagchi  
2004, John Wiley & Sons

ISBN-10 0471254991, ISBN-13 9780471254997, 712 pages, hardcover

By combining integrated solid waste management with the traditional coverage of landfills, this new edition offers the first comprehensive guide to managing the entire solid waste cycle, from collection, to recycling, to eventual disposal. Includes new material on source reduction, recycling, composting, contamination soil remediation, incineration, and medical waste management; presents up-to-date chapters on bioreactor landfills, wetland mitigation, and landfill remediation; and offers comprehensive coverage of the role of geotechnical engineering in a wide variety of environmental issues.

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### Managing Hazardous Materials Self-Study Course

by Jay Collert  
2003, ABS, Houston

712 pages, hardcover, 2 volumes

This 2-volume comprehensive learning tool is designed to allow managers to prepare for the Certified Hazardous Materials Manager (CHMM) exam at their own pace. It also serves as a great refresher for current CHMMs and provides practical training for all hazmat managers and specialists. Each chapter of the textbook provides plain-English explanations of even the most complex issues, such as chemical analysis and risk assessment. The Study Guide provides learning objectives, practical exercises, self-assessment tests (with answers), and sectional exams to help you prepare for the official CHMM examination.

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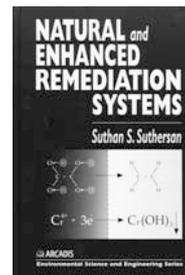
by Suthan S. Suthersan  
2001, CRC Press, Inc.

ISBN-10 1566702828, ISBN-13 9781566702829, 419 pages, hardcover

Building on the success of bioremediation and phytoremediation technologies, *Natural and Enhanced Remediation Systems* explores remediation techniques that use the beneficial effects provided by Mother Nature. Written by an industry leader, the book provides state-of-the-art information on natural and enhanced remediation techniques such as monitored natural attenuation, in situ reactive zones, bio-augmentation, in situ chemical oxidation, phytoremediation, constructed wetlands, and engineered phytocovers.

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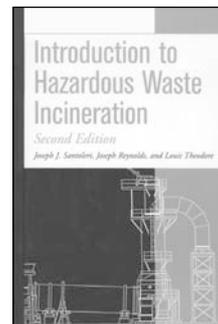
by Joseph Santoleri, Joseph Reynolds, and Louis Theodore  
2000, John Wiley & Sons

ISBN-10 0471017906, ISBN-13 9780471017905, 635 pages, hardcover

Uniquely serving as both an essential guidebook for practicing engineers and a text for engineering students, this new edition contains updated information in the area of standards and regulation, equipment, materials handling equipment, instrumentation, control performance testing, final permit, and facility design. The book offers the fundamentals of incineration with appropriate practical application to the incineration of wastes, in addition to providing an introduction to the specialized literature in this and related areas.

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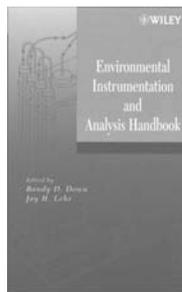
by Randy D. Down and Jay H. Lehr  
2005, John Wiley & Sons

ISBN-10 047146354X, ISBN-13 9780471463542, 1068 pages, hardcover

This is a comprehensive resource for information about different technologies and methods to measure and analyze contamination of air, water, and soil. It serves as a technical reference in the field of environmental science and engineering; includes information on instrumentation used for measurement and control of effluents and emissions from industrial facilities; and focuses on applications, making it a practical reference tool.

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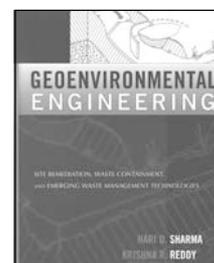
by Hari D. Sharma and Krishna R. Reddy  
2004, John Wiley & Sons

ISBN-10 0471215996, ISBN-13 9780471215998, 992 pages, hardcover

*Geoenvironmental Engineering* covers the application of basic geological and hydrological science, including soil and rock mechanics and groundwater hydrology, to any number of different environmental problems. It includes end-of-chapter summaries, design examples and worked-out numerical problems, and problem questions.

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by Joseph A. Salvato, Nelson L. Nemerow,  
and Franklin J. Agardy  
2003, John Wiley & Sons

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9780471418139, 1584 pages, hardcover

This text includes new chapters on soil and groundwater remediation, water filtration system technology, and bottled water supplies, plus new sections on food safety and environmental security. Features new expert contributors such as Nelson Nemerow, Franklin Agardy, George Tehachangolow, Pier Armenante, and Anthony Walbarst.

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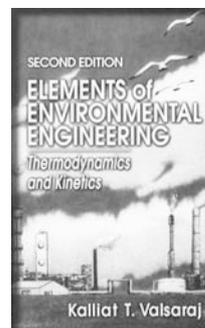
by Kalliat T. Valsaraj  
2000, Lewis Publishers

ISBN-10 1566703972, ISBN-13  
9781566703970, 712 pages, hardcover

Completely revised and updated, *Elements of Environmental Engineering: Thermodynamics and Kinetics, Second Edition* covers the applications of chemical thermodynamics and kinetics in environmental processes. Each chapter has been rewritten and includes new examples that better illuminate the theories discussed. An excellent introduction to environmental engineering, this reference stands alone in its multimedia approach to fate and transport modeling and in pollution control design options. Clearly and lucidly written, it provides extensive tables, figures, and data that make it the reference to have on this subject.

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by Geraldine Garner  
2002, McGraw-Hill

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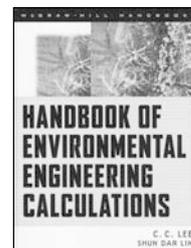
by C.C. Lee and Shun Dar Lin  
2000, McGraw-Hill

ISBN-10 0070381836, ISBN-13 9780070381834, 1504 pages,  
hardcover

With *Handbook of Environmental Engineering Calculation*, complex problems get solved and regulatory issues cease causing concern. This solutions-oriented guide takes you through the integration of regulatory requirements into environmental design, providing tested tools that make every aspect of environmental assessment, control, protection, and compliance more manageable.

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## RCRA Compliance Self-Study Course

by Jay Collert  
2003, ABS Consulting  
204 pages, spiral bound

This nine-lesson self-study course features aspects of RCRA learned more by experience than by reading the regulations. The course offers plain-English training for any facility that generates or processes hazardous and solid wastes. Each lesson provides straightforward explanations of RCRA's rules while supplying detailed annotations to the parts of Title 40 Code of Federal Regulations that document the requirements. In addition, the course updates you on the latest major changes to RCRA, including new waste exclusions, universal waste rules, used oil management standards, and new air emissions standards. A course instructor is available to answer your questions by fax or e-mail.

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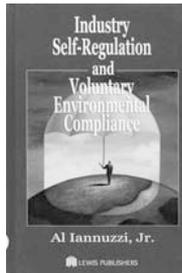


**Industry Self-Regulation and Voluntary Environmental Compliance**

by Al Iannuzzi, Jr.  
2001, CRC Press, Inc.

ISBN-10 1566705703, ISBN-13 9781566705707, 180 pages, hardcover

Written by a senior environmental manager at a Fortune 500 company, *Industry Self-Regulation and Voluntary Environmental Compliance* examines environmental regulation through a review of compliance and enforcement theory. Case studies of four leading self-regulation programs illustrate the use of self-regulation as a compliance tool. The author highlights industry best practices, identifies the key elements of a successful self-regulation program, and focuses on the benefits.



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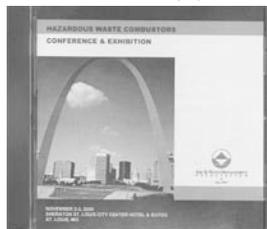


\* Available June 30, 2006

**Hazardous Waste Combustors Conference 2005**

2005, A&WMA  
ISBN-10 0923204830, ISBN-13 9780923204839, CD

Presentations at this conference, held November 2-3, 2005 in St. Louis, MO, covered a wide range of topics in areas related to the combustion of waste in combustion units, including boilers, cement kilns, lightweight aggregate kilns, and incinerators. The CD-ROM proceedings contains PowerPoint slides of the presentations, as well as some full papers.



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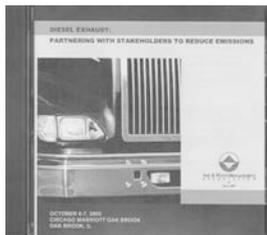
**Diesel Exhaust: Partnering with Stakeholders to Reduce Emissions**

2005, A&WMA

ISBN-10 0923204792, ISBN-13 9780923204792, CD



Held October 6-7, 2005 in Oak Brook, IL, this conference provided an overview of important developments in the regulatory, policy, and scientific arenas. It focused on several areas: (1) the new 2007 emissions standards, (2) government programs affecting the industry, (3) new perspectives on health issues related to the old diesel technology, and (4) the path forward: evaluating the new technology diesel exhaust. The CD contains 20 PowerPoint presentations from the meeting.



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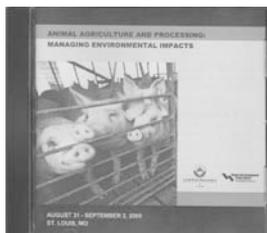
**Animal Agriculture & Processing: Managing Environmental Impacts**

2005, A&WMA

ISBN-10 0923204768, ISBN-13 9780923204761, CD



This CD-ROM contains many of the presentations made at the August 2005 conference held in St. Louis, MO. Sponsored jointly by A&WMA and the Water Environment Federation, the conference highlighted the technical, management, and policy issues related to animal feeding operations, which produce more than 500 million tons of manure and a range of emissions, such as particulates, ammonia, and so-called greenhouse gases. The conference also provided an update on the requirements of the Concentrated Animal Feeding Operations (CAFOs) rule and other national, state, and local regulatory and policy developments regarding feeding and processing operations.



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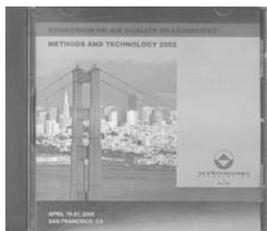
**Symposium on Air Quality Measurement Methods and Technology - 2005**

2005, A&WMA

ISBN-10 0923204741, ISBN-13 9780923204747, CD



This CD-ROM contains more than 80 presentations made at A&WMA's international conference on air quality held in San Francisco, CA, April 19-21, 2005. In addition to general topics on air quality measurement methods and technology, the conference also covered point sources, vapor intrusion, method validation, remote sensing, chemical speciation, and EPA's Environmental Technology Verification program.



**Order Code CP-138-CD**

\$65.00 A&WMA Members • \$79.00 Nonmembers

**Symposium on Air Quality Measurement Methods and Technology 2004**

2004, A&WMA

ISBN-10 0923204628, ISBN-13 9780923204624, CD

This CD-ROM contains more than 65 papers presented at A&WMA's international conference on air quality held in Research Triangle Park, NC, April 20-22, 2004. The conference brought together professionals from industry, academia, and government for information exchange on current advances in air monitoring, measurement methods, and technology.



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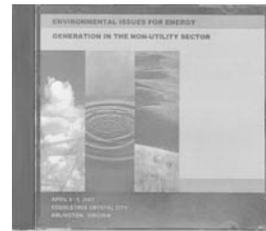
**Environmental Issues for Energy Generation in the Non-Utility Sector**

2005, A&WMA

ISBN-10 0923204733, ISBN-13 9780923204730, CD



This conference, held in Arlington, VA, April 4-5, 2005, highlighted a wide variety of technical and policy issues related to environmental compliance, focusing specifically on the non-utility energy producer. Topics covered include implications of Title V and NSR reforms on industrial energy, attainment planning for ozone and PM2.5, implementation of Boiler MACT and residual risk, control technology research and advancements, and integrated coal gasification systems.



**Order Code CP-137-CD**

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**8th Electric Utilities Environmental Conference 2005**

2005, EUEC

CD



This CD contains more than 200 abstracts, presentations, exhibiting companies, and workshops from the 2005 EUEC conference held January 23-26, 2005 in Tucson, AZ. The names and affiliations of over 950 delegates are included.



**Order Code CPO-03-CD**

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**Guideline on Air Quality Models: Applications and FLAG Developments**

2006, A&WMA

ISBN-10 0923204822, ISBN-13 9780923204822, CD

Held in Denver, CO, April 26-28, 2006

**Order Code CP-146-CD**

Check the A&WMA homepage ([www.awma.org](http://www.awma.org)) any time for announcements of our latest additions.

**Sustainable Development and the Importance of Chemicals Management in the 21st Century**

2005, A&WMA

ISBN-10 0923204660, ISBN-13 9780923204662, CD

These CD proceedings contain more than 25 PowerPoint presentations from the international specialty conference held December 7-9, 2004, in Ottawa, Ontario. The conference focused on the positive and negative aspects of the management of chemicals from the points of view of health, the environment, and business.



**Order Code CP-136-CD**

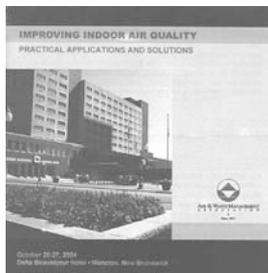
\$25.00 A&WMA Members • \$35.00 Nonmembers

**Improving Indoor Air Quality**

2005, A&WMA

ISBN-10 092320461X, ISBN-13 9780923204617, CD

These proceedings contain more than 30 PowerPoint presentations from the specialty conference held in Moncton, New Brunswick, Canada, October 26-27, 2004. The topics addressed at the conference include existing best practices, guidelines, standards, and activities; mould and moisture in buildings; insurance and legal issues; IAQ in schools; tobacco smoke and related issues; and IAQ, sustainable buildings, and climate change.



**Order Code CP-135-CD**

\$25.00 A&WMA Members • \$35.00 Nonmembers

**Regional and Global Perspectives on Haze: Causes, Consequences and Controversies - Visibility Specialty Conference**

2004, A&WMA

ISBN-10 0923204725, ISBN-13 9780923204723, CD

This Visibility specialty conference, held in Asheville, NC, October 25-29, 2004, focused on advances in the scientific understanding of the effects of air pollution on regional, continental, and global scale haze phenomena. More than 70 presentations are included on this CD, addressing emission sources, atmospheric conditions, and aerosol characteristics associated with large scale haze events; innovative monitoring, assessment, and modeling methods applied to haze; and air quality management implications.



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**Managing Hazardous Waste in the 21st Century - Planning for the Changing Context**

2004, A&WMA

ISBN-10 0923204709, ISBN-13 9780923204709, CD

This future-oriented conference took place in Montreal, Quebec, April 25-27, 2004. Topics covered in the 25 PowerPoint presentations on this CD-ROM include Canada in the international context, Canadian domestic hazardous waste programs, industry's approach to hazardous waste management, and the latest developments in managing contaminated sites/brownfields.



**Order Code VIP-132-CD**

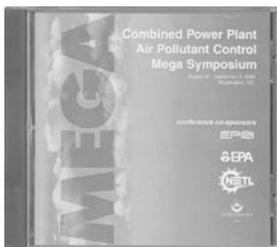
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**Combined Power Plant Air Pollutant Control Mega Symposium-2004**

2004, A&WMA

ISBN-10 0923204695, ISBN-13 9780923204693, CD

This CD contains the presentations from the fifth "Mega" Symposium on air pollutant controls for power plants, held August 2004 in Washington, DC. Co-sponsored by A&WMA, EPRI, the U.S. Environmental Protection Agency, and the U.S. Department of Energy, this conference focused on SO<sub>2</sub>, NO<sub>x</sub>, particulate, mercury, and air toxic emissions, and showcased the latest development and operational experience with state-of-the-art methods for reducing air emissions from fossil-fueled boilers.



**Order Code VIP-131-CD**

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*Previous Mega Conference proceedings now on sale!*

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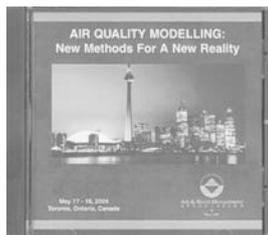
\$20.00 A&WMA Members • \$20.00 Nonmembers

**Air Quality Modelling: New Methods for a New Reality**

2004, A&WMA

ISBN-10 0923204687, ISBN-13 9780923204686, CD

This CD-ROM contains PowerPoint presentations made at the May 2004 Air Quality Modelling Conference in Toronto, Ontario, which focused on the need for models; regulatory compliance models and their use; and modelling input needs and technical issues.



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**Canada Clean Air Policy Conference & International Conference on Indoor Air Quality/Healthy Indoor Environment**

2004, A&WMA

ISBN-10 0923204679, ISBN-13 9780923204679, CD

This CD-ROM contains many of the presentations from two 2003 Canadian conferences: the International Conference on Indoor Air Quality/Healthy Indoor Environment held in Vancouver, British Columbia, September 28-30, and the Canada Clean Air Policy Conference held in Ottawa, Ontario, November 18-20.



**Order Code VIP-129-CD**

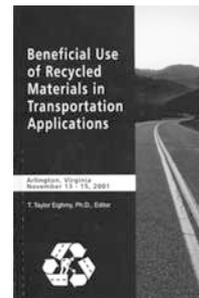
\$35.00 A&WMA Members • \$45.00 Nonmembers

**Beneficial Use of Recycled Materials in Transportation Applications**

2003, A&WMA

ISBN-10 0923204490, ISBN-13 9780923204495, 1051 pages, hardcover

This 1000+-page volume contains presentations made at the international conference held November 13-15, 2001, in Arlington, VA. Sponsored by the Recycled Materials Resource Center, this was the first conference hosted in the United States to exclusively address the beneficial use of recycled materials generated from transportation, industrial, municipal, and mining processes in transportation applications. It brought together more than 160 experts from 15 countries in North America, South America, Europe, and Asia to discuss relevant research and issues associated with the use of recycled materials.



**Order Code VIP-114**

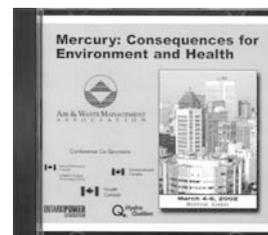
\$75.00 A&WMA Members • \$90.00 Nonmembers

**Mercury: Consequences for Environment and Health**

2002, A&WMA

ISBN-10 0923204466, ISBN-13 9780923204464, CD

This CD-ROM contains the presentations made at this specialty conference, held in Montreal, Quebec, Canada, March 4-6, 2002. The presentations cover a range of mercury-related issues, including health impacts, pathways through the environment, new emission control technology, and the broader international implications of environmental mercury. All presentations are in Microsoft PowerPoint.



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2005, A&WMA

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1998, A&WMA, folder

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**ERG Presenter's Manual: Air Quality and Nonpoint Source Pollution Prevention**

2001, A&WMA, 152 pages

Designed for anyone holding an ERG workshop, the Presenter's Manual is a valuable planning tool with sample agendas, scripts, overhead transparency masters, handouts, checklists, and other tips.



**Order Code ERG-PM**

\$20.00 A&WMA Members and Nonmembers

**Understanding Air Quality Outreach Kit CD-ROM**

2000, A&WMA

ISBN-10 0923204350, ISBN-13 9780923204358

Now available on one convenient CD—the popular *Understanding Air Quality* slide show complete in the Adobe Acrobat format. More than 60 high-quality slides, accompanied by an informative script, clearly explain the causes and potential solutions for various forms of air pollution. As a bonus, this CD-ROM also features EPA and NC State's *Ozone: Double Trouble*, a 17-min. video in the .avi format for Windows. The Acrobat slide show can be viewed in the slides-only or slides-with-notes modes. Developed by members of the A&WMA Education Council/Public Education Division.



To run this CD for a large group presentation requires a data-projection system. The ozone video can only be viewed on Microsoft Windows-compatible computers; the slide show, however, is cross-platform compatible.

**Order Code CD-AQ**

\$20.00 A&WMA Members, nonprofit groups, governmental agencies, and educational institutions • \$30.00 All others  
This product is also available as a set of 35-mm slides.

**Understanding Air Quality Slide Show Presentation**

1998, A&WMA (script with 56 slides, packaged in a three-ring binder)

Teachers, students of varying levels (college and junior- and senior-high), environmental groups, and other civic organizations can use this slide show to learn more how air pollution is generated, why it is a problem, and the solutions available to treat it.



**Order Code SS-AQ**

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A&WMA's information booklets are ideal for addressing environmental issues during educational sessions with schools, community groups, and other nontechnical audiences of all ages.

**Cost** (A&WMA Members and Nonmembers)

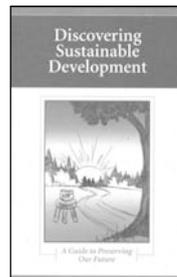
- \$2.00 ea. or \$5.00 for set of three
- 10-50 copies of any combination of booklets \$1.50 ea.
- 51+ copies of any combination of booklets \$1.25 ea.

**Discovering Sustainable Development: A Guide to Preserving Our Future**

2004, A&WMA

20 pages

This storybook presents the concept of sustainable development in an easy-to-understand format designed for sixth and seventh grade students. Presented in both English and Spanish in the same booklet, students can discover how the environment, economy, and cultures influence sustainable development.



**Order Code IB-SD**

**Air Pollution**

1991, A&WMA

32 pages

This booklet covers indoor air pollution, acid rain, global climate change, and other topics and recommends strategies that everyone can use to help improve the quality of the air we breathe. A glossary clearly explains scientific terms and reinforces basic environmental concepts.



**Order Code IB-IAP**

**Pollution Prevention for Our Land, Water, & Air**

1993, A&WMA

30 pages

Through illustrations and examples, this booklet describes the links among land, water, and air pollution, discusses the need for pollution prevention measures, and identifies how each of us can contribute to this effort. The glossary covers scientific terms and reinforces basic environmental concepts.



**Order Code IB-IPP**

**Ozone Fact Sheets (pack of 50)**

1998, A&WMA

Discusses the difference between good and bad ozone and provides examples of what individuals can do to reduce the human-generated pollutants that contribute to these problems.



**Order Code FS-OZONE**

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**About QEP Certification and IPEP**

The Qualified Environmental Professional (QEP) is a unique credential. It is a multimedia, multidisciplinary, fully accredited credential that requires environmental professionals to see “the big picture” and to have the skills and knowledge to solve real-world problems. The QEP is accredited by the Council of Engineering and Scientific Specialty Boards (CESB) and conforms to ASTM Standard E1929 (*Standard Practice for the Assessment of Certification Programs for Environmental Professionals: Accreditation Criteria*).

The QEP certification program sprang from an interest among A&WMA membership in a broad-based, over-arching environmental credential. Other organizations had similar interests and are now participating organizations of IPEP. These organizations are: the American Industrial Hygiene Association (AIHA), American Academy of Environmental Engineers (AAEE), Solid Waste Association of North America (SWANA), National Association for Environmental Management (NAEM), and the Water Environment Federation (WEF).

The Institute of Professional Environmental Practice (IPEP) was founded in March 1993 to develop and administer the certification program. IPEP has currently certified more than 1000 environmental professionals. The main certification is the QEP (Qualified Environmental Professional). Candidates for the QEP certification must have a minimum of five years of relevant professional experience, and must pass a two-part examination. Part I of the exam addresses general environmental science. Candidates may take Part II of the exam in one of four practice areas: Air Quality; Water Quality; Waste Management; or Environmental Science, Management and Policy. Senior environmental professionals, with more than 15 years of relevant experience may qualify for the QEP credential via an oral examination process. IPEP also developed the EPI certification for aspiring and younger environmental professionals, particularly college seniors and recent graduates. EPI candidates must pass only the Part I examination in general environmental science.

**Why Certification through IPEP?**

The more than 1000 professionals who have become QEP's recognize that a certification worth pursuing should involve an application process that includes proof of educational attainment and references; a proven and rigorous testing process; review and acceptance for accreditation by an independent third party; and a recertification process every five years. As a professional, the QEP certification confirms that you have demonstrated through a rigorous application and examination process a broad understanding of the environment and environmental issues. The depth and breadth of knowledge confirmed by the distinction of being a QEP can increase your marketability. In addition, earning a QEP signals a strong and continuing commitment to applied environmental science and adherence to a strict code of ethics. Attainment of QEP certification speaks loudly and clearly of your professional excellence. It says that you are an environmental professional who knows your real worth and is making significant contributions to your chosen profession and community. As with any rigorous certification process, the QEP credential also elevates the profession itself.

For more information about IPEP and its certification programs, visit [www.ipep.org](http://www.ipep.org).

**QEP Study Materials**

To help professionals prepare for the General Environmental Science portion of the certification exam, IPEP has developed a **recommended reading list** of five textbooks (QEP-01—QEP-05), listed on page 19. A&WMA has made these books available to members for purchase either individually or specially priced together as part of a “study package” (QEP-5Pack). For those who would like a more hands-on approach to studying, the *Exam Preparatory* and the *Environmental Practices Review* guides below give sample questions and answers.

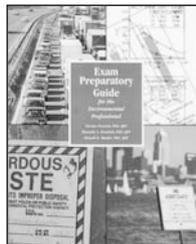
**QEP Exam Study Guides**

**Exam Preparatory Guide for the Environmental Professional**

by Naraine Persaud, Moustafa A. Elrashidi,  
and Edward D. Handel  
1999, A&WMA

ISBN-10 0923204210, ISBN-13 9780923204211, 121 pages, softcover

Written and developed by practicing qualified environmental professionals (QEPs), this work is a must for candidates preparing for the QEP and environmental professional intern (EPI) written exams. Featuring more than 100 practice questions and answers similar to those found in Part 1 of the general environmental science portion of the QEP exam, this book is sold individually or with the *Environmental Practices Review Study Guide* for a special price.



**Order Code OTHP-20**

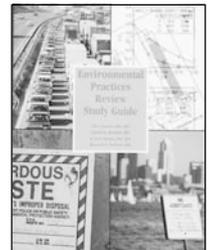
\$45.00 A&WMA Members • \$55.00 Nonmembers

**Environmental Practices Review Study Guide**

by Tim C. Keener, Charles R. Marshall, R. Jerry Murphy, and Raymond E. Ouellette  
1999, A&WMA

ISBN-10 0923204229, ISBN-13 9780923204228, 221 pages, softcover

This study guide, written by four practicing QEPs, differs from the *Exam Preparatory Guide* in that it touches on all areas of the written QEP examination, including general environmental science, air and water quality, waste management, and policy issues, using a series of sample questions and answers. Sold individually or with the *Exam Preparatory Guide* for a special price (see below).



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### Chemical Fate and Transport in the Environment, Second Edition

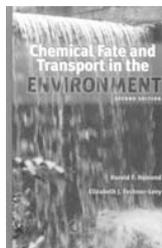
by Harold F. Hemond and Elizabeth J. Fechner-Levy  
2000, Academic Press

ISBN-10 0123402751, ISBN-13 9780123402752,  
433 pages, hardcover

This book covers the fundamental principles of mass transport, chemical partitioning, and chemical transformation in surface waters, groundwater, and the atmosphere. It also features examples of current environmental problems integrated into the text, exercise sets at the end of each chapter, and ample references.

**Order Code QEP-01**

\$70.00 A&WMA Members only



### Hazardous Waste Management

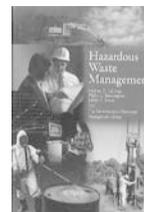
by Michael D. La Grega, Phillip L. Buckingham, Jeffrey C. Evans, and the Environmental Resource Management Group  
2000, McGraw-Hill

ISBN-10 0070393656, ISBN-13 9780070393653,  
1228 pages, hardcover

This book demonstrates how the science and engineering disciplines work together to identify and correct threats to human health and the environment. It includes case studies, example problems, and discussion topics.

**Order Code QEP-04**

\$123.00 A&WMA Members only



### Introduction to Environmental Engineering and Science, Second Edition

by Gilbert M. Masters

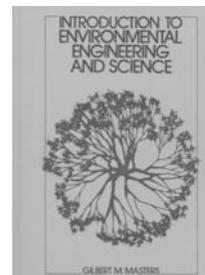
1998, Prentice-Hall

ISBN-10 0134830660, ISBN-13 9780134830667, 460 pages, hardcover

Covering a broad range of environmental topics, including air and water pollution, hazardous waste and risk assessment, waste treatment technologies, and global climate change, this book examines challenging issues such as groundwater flow and contamination, outdoor and indoor air pollution (including acid rain and radon in homes), risk analysis, and global atmospheric change (specifically the greenhouse effect and stratospheric ozone depletion).

**Order Code QEP-05**

\$116.00 A&WMA Members only



### Environmental Health: New Directions

by J. Shields

1990, Princeton Scientific Publishing Co.

ISBN-10 0911131884, ISBN-13 9780911131888,  
271 pages, hardcover

This book presents an overview of the legislation passed to protect health and the environment in the areas of air, water, hazardous waste, pesticides, and food. It also examines the health effects that result from exposures to environmental contamination. Exercises and multiple-choice questions included at the end of each chapter are based upon real-world incidents.

**Order Code QEP-02**

\$36.00 A&WMA Members only



### Fundamentals of Air Pollution, Third Edition

by Richard W. Boubel, Donald L. Fox, D. Bruce Turner, and Arthur C. Stern

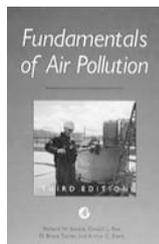
1994, Academic Press

ISBN-10 0121189309, ISBN-13 9780121189303,  
574 pages, hardcover

This book covers the spectrum of topics essential to the study of air pollution. It features chapters on atmospheric emissions and air pathways from hazardous waste sites and the long-term effects of air pollution on the earth. It also presents new developments in the modeling of acidic development, long-distance transport, atmospheric chemistry, and mathematical modeling.

**Order Code QEP-03**

\$90.00 A&WMA Members only



### QEP 5-Textbook Study Package

A bundle of the five hardcover books above (QEP-01—QEP-05) at a 5% savings off individual purchase price.

This study package encompasses the Institute of Professional Environmental Practice's recommended reading list for anyone preparing to take the general environmental science portion of the QEP certification examination.

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SS-AQ	Understanding Air Quality-Slide Show .....	see Education section
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OTHP-19S	Recognition of Air Pollution Injury to Vegetation: A Pictorial Atlas, Second Edition (Soft Cover) .....	\$20.00

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Since 1907, the Association has been dedicated to achieving its *Vision* of being the premiere international environmental organization promoting global environmental responsibility; its *Mission* of assisting in the professional development and critical environmental decision-making of its members to benefit society; and its *Core Purpose* of advancing the environmental profession by providing a neutral forum for knowledge exchange and networking.

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