

Air Quality, 4th Edition

Thad Godish

Publication #9803 \$97.95

Air Quality, 4th Edition covers the issues and challenges of air quality, and takes a look at familiar concerns in light of recent discoveries and scientific advances. It provides a complete overview of air quality, the science and management, written in an accessible, readable style by a respected expert in the field.



The 4th Edition includes major revisions on global warming and stratospheric ozone depletion, as well as new sections covering toxicological principles and risk assessment. Revised discussions focusing on public policy regarding air quality standards for ozone depletion and global warming and the health effects of particulate air pollutants are also included in this new edition.

ISBN: 978-1-56670-586-8. © 2003. 480 pages.

Basic Environmental Health, 3rd Edition

Annalee Yassi, Tord Kjellström, Theo de Kok and Tee L. Guidotti

Publication #01-019 \$59.50

Basic Environmental Health provides an overview of the scientific basis of environmental health hazards as a basic approach to risk and risk management. Topics of interest include:

- The Nature of Environmental Health Hazards
- Risk Assessment and Risk Management
- Industrial Pollution and Chemical Safety
- Global Health Concerns
- Water and Sanitation



Numerous line drawings and tables are included. One reviewer noted, “. . . It is, by far, the best book seen or used in teaching an *Environmental Health* course for over fifteen years! . . .”

ISBN: 978-0-19-513558-9. © 2001. 456 pages.

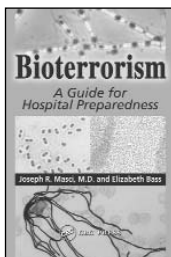
Bioterrorism: A Guide for Hospital Preparedness

Joseph R. Masci and Elizabeth Bass

Publication #05-019 \$144.95

Bioterrorism: A Guide for Hospital Preparedness is a useful reference on the subject of bioterrorism, particularly for health service providers. It focuses on planning and preparation, and discusses emerging technologies for the detection and management of bioterrorist attacks. Guidelines and planning exercises for providers, hospitals, and planners are provided, as well as diagnosis, treatment, and prevention guidelines for reporting to public health authorities. Additional topics covered include:

- Types of biological agents used



- Determining if an actual attack is taking place
- Diagnosis and management of specific diseases
- Protection of patients, hospital and office staff in the event of an attack
- Thorough analysis of anthrax attacks and their aftermath
- Strategies for answering questions from the public and media
- And More!

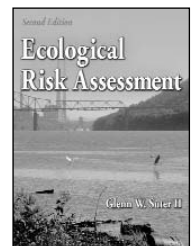
ISBN: 978-0-8493-1660-9. © 2004. 392 pages.

Ecological Risk Assessment, Second Edition

Glenn W. Suter II

Publication #07-019 \$114.95

Detailing the latest advances in the science and practice of Environmental Risk Assessment (ERA) and reflecting changes in the field, the new edition has been expanded to include discussions of the application of ERA to agents other than chemical contaminants, providing a more diverse practice of ERA.



The Second Edition of this definitive reference provides documentation consistent with the EPA framework for ERA; explains ERA and presents useful data, models, and the conceptual approaches needed to perform an accurate assessment; demonstrates how to organize and conduct an ERA; and covers conventional risk assessments, risk assessments for existing contamination, large-scale problems, exotic organisms, and risk assessments based on environmental monitoring.

ISBN: 978-1-56670-634-6. © 2007. 680 pages.

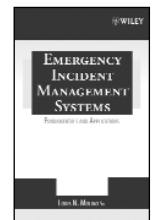
“More than mere information, the text is sprinkled with quotations and bits of wisdom that inform and inspire.” — Clifford Pollard, CIH, CSP

Emergency Incident Management Systems: Fundamentals and Applications

Louis N. Molino, Sr.

Publication #06-013 \$99.95

Incident management has become a national priority since 9/11, and this book serves as a useful and user-friendly tool to inform and prepare emergency workers in all emergency systems on stabilizing an incident, and protecting life, property, and the environment. Contrasting the major forms of Incident Management and Incident Command Systems, the book offers fresh concepts and perspectives that bridge the gap between theoretical, academic, and real-world applications. Topics covered include:



- Incidents of mass destruction
- An “in the field” point of view
- Sample forms designed to help professionals complete their reports

ISBN: 978-0-471-45564-6. © 2006. 544 pages.

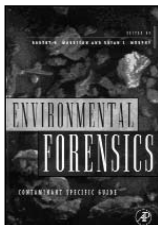
Environmental Forensics: Contaminant Specific Guide

Robert Morrison and Brian Murphy

Publication #06-023 \$108

A well-referenced and essential guide to contaminant-specific analysis queries for inorganic and organic species as well as sewage, microbial entities, radiological compounds, pesticides, crude oil, and gasoline, among others. This book is a resource for investigating and solving the questions of when a release has occurred, the origin of the release, and a basis for apportioning the liability among multiple responsible parties. By reviewing current analytical methods used for detection, identifying natural and anthropogenic sources, and discussing various forensic techniques, this book addresses the need for up-to-date information on this emerging science.

ISBN: 978-0-12-507751-4. © 2006. 576 pages.



Environmental Health Science: Recognition, Evaluation, and Control of Chemical and Physical Health Hazards

Morton Lippmann, Beverly S. Cohen and Richard B. Schlesinger

Publication #04-004 \$75

This in-depth introduction to environmental health provides an overview of environmental hazards affecting human health, and presents complex scientific issues in a clear and interesting format. Some of the topics covered include:

- Environmental health terminology
- Sources of environmental chemical and physical agents
- Environmental quality and human health
- Establishment of quality standards
- Extensive references and supplemental bibliographies

A history of industrial hygiene, environmental issues affecting human health, a comprehensive discussion of chemical and physical agents, noise, ionizing radiation, nonionizing radiation, and risk assessment and management issues are also discussed.

ISBN: 978-0-19-508374-3. © 2003. 560 pages.

“This text is not only an excellent introduction to occupational and environmental health for students, but it also covers topics that would broaden the knowledge of the general IH.”

— Marie Fitzgerald, MSPH, CIH



NEW EDITION

Environmental Law Handbook, Twentieth Edition

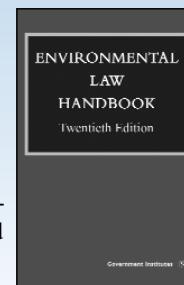
Daniel M. Steinway, et al.

Publication #01-036 \$99

Now in its 36th year, the *Environmental Law Handbook* provides readers with a comprehensive, up-to-date, and easy-to-read look at the 14 major environmental, health and safety laws affecting U.S. businesses and organizations.

The *Environmental Law Handbook* offers easy-to-read explanations of the requirements, sample and cited cases, a section of research sources at the end of every chapter, and a detailed Table of Contents and index that ease navigation through this handy reference.

ISBN: 978-1-60590-278-4. © 2009. 975 pages.



Environmental Regulatory Calculations Handbook

Leo Stander and Louis Theodore

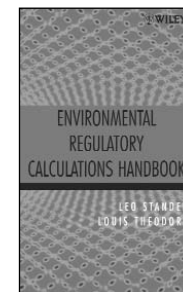
Publication # 08-003 \$158.50

Environmental Regulatory Calculations

Handbook is an excellent resource for regulatory information and actual real world problems, providing 500 solved problems along with detailed solutions and easy to follow calculations. An excellent tool for academic instruction in environmental sciences and engineering disciplines, this text covers regulations for each environmental media—air, water, soil, and hazardous waste. Chapters on OSHA and Pollution Prevention legislation are included, as well as other chapters that present specific legislation, discussion of any historical developments, current regulations, and real world questions and answers.

“Environmental Regulatory Calculations Handbook is a must have resource for the EHS professional.” — Amy Snow, MHS, CIH

ISBN: 978-0-471-67171-8. © 2008. 561 pages.



NEW EDITION**Environmental Toxicants: Human Exposures and Their Health Effects, Third Edition**

Morton Lippmann

Publication # 9256R \$195

The Third Edition of *Environmental Toxicants* provides the most current information and research available for performing risk assessments on exposed individuals and populations, and gives guidance to public health authorities, primary care physicians, and industrial managers. Current knowledge on human exposure to selected chemical agents and physical factors in the ambient environment are reviewed in this edition. Updates and revisions have been made in light of current scientific literature and its significance to public health concerns. New chapters have been added focusing on:

- Airline cabin exposures
- Arsenic
- Endocrine disruptors; and
- Nanoparticles

ISBN: 978-0-471-79335-9. © 2009. 1,167 pages.

**Exposure Analysis**

Wayne Ott, Anne Steinemann and Lance Wallace

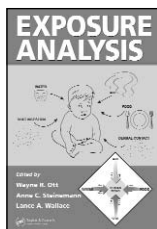
Publication #07-011 \$134.95

A comprehensive source on the environmental pollutants that affect human health, *Exposure Analysis* examines human exposure through pathways including air, food, water, dermal absorption, and non-food ingestion in children. Topics covered include:

- Existing definitions of exposure, dose, and related concepts
- Air pollutants — volatile organic compounds (VOCs), carbon monoxide (CO), fine and ultrafine particles
- Pesticide exposures, lead exposure, and dioxin exposure
- Exposure aspects of existing laws
- And More!

Professional or student, this book provides the basic tools needed to identify sources, understand causes, measure exposures, and develop strategies for improving public health.

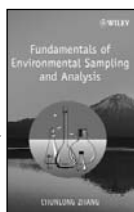
ISBN: 978-1-56670-663-6. © 2007. 533 pages.

**Fundamentals of Environmental Sampling and Analysis**

Chunlong Zhang

Publication #08-008 \$115

Fundamentals of Environmental Sampling and Analysis uses an integrated approach to understanding the principles of sampling, chemical analysis, and instrumentation. This reference discusses the overall framework and why various methodologies are used in environmental sampling and analysis, as well as underlying theories and principles that aid environmental professionals in selecting and adapting proper sampling and analytical protocols for specific contaminants and applications. Real-life case studies that illus-



trate the principles, as well as problems and questions at the end of each chapter, are included along with the following topics:

- A review of the basic analytical and organic chemistry, statistics, hydrogeology, and environmental regulations relevant to sampling and analysis
- An overview of the fundamentals of environmental sampling design, sampling techniques, and quality assurance/quality control essential to acquire quality data
- An introduction to advanced analytical techniques, including various hyphenated mass spectrometries and nuclear magnetic resonance spectroscopy
- Detailed discussions of the theories of absorption spectroscopy for qualitative and quantitative environmental analysis; metal analysis using atomic absorption and emission spectrometric methods; and the instrumental principles of common chromatographic and electrochemical methods

ISBN: 978-0-471-71097-4. © 2007. 456 pages.

Handbook of Environmental Health, Volume 1: Biological, Chemical, and Physical Agents of Environmentally Related Disease, 4th Edition

Herman Koren, Michael Bisesi

Publication #03-013 \$185.95

The fourth edition of this reference continues to explore the interactions between humans and the environment, and how those interactions affect the health and welfare of individuals. Revised and expanded, the latest edition includes significant chapter revisions, new sections on applied chemistry, microbiology, food law, environmental problems, human health, and more. Volume 1 of this two-volume set focuses on the internal environment and features the following topics:

- New Environmental Issues
- Energy, Practical Microbiology and Chemistry
- Emerging Infectious Diseases, Epidemiology, and Human Physiology
- Toxicology
- Food Safety and Food Technology
- Industrial Hygiene and Instrumentation
- Hospital Environment and Home Environment
- And More!

ISBN: 978-1-56670-536-3. © 2003. 794 pages.

**Handbook of Environmental Health, Volume 2: Pollutant Interactions in Air, Water, and Soil, 4th Edition**

Herman Koren, Michael Bisesi

Publication #03-014 \$185.95

The fourth edition of this reference continues to explore the interactions between humans and the environment, and how those interactions affect the health and welfare of individuals. Revised and expanded, the latest edition includes significant chapter revisions, new sections on applied chemistry, microbiology, food law, environmental problems, human health, and more. Volume 2 of this two-volume set focuses on the outdoor environment and



features the following topics:

- Toxic air pollutants and air quality control
- Solid and hazardous waste problems and controls
- Safe drinking water problems and standards
- On-site and public sewage problems
- Air, water, and solid waste programs
- Geographic information systems and mapping
- Bioterrorism, security, and disaster emergency health programs
- And more!

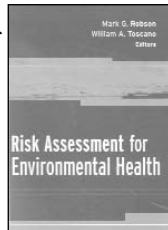
ISBN: 978-1-56670-547-9. © 2003. 876 pages.

Risk Assessment for Environmental Health

Mark Robson and William Toscano, Editors

Publication #07-015 \$90

This comprehensive text offers a thorough survey of risk assessment, management, and communications as applied to public health. The text reviews, in 27 substantial chapters written by experts in the field, the use of risk assessment for varied hazards in different settings and for a variety of populations. Also included are several case studies of risk assessment in practice and emerging risk assessment methods.



Chapter topics include:

- Molecular Basis of Risk Assessment
- Comparative Risk Assessment
- Occupational Risk
- Radiological Risk Assessment
- Microbial Risk Assessment
- Environmental Laws and Regulations
- And Much More!

ISBN: 978-0-7879-8319-2. © 2007. 664 pages.

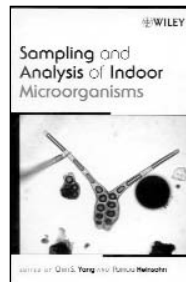
Risk Assessment for Environmental Health is an excellent and comprehensive text that is designed to serve as...a comprehensive and current resource to fill in any knowledge gaps on this broad and important subject. — Amy H. Snow, MHS, CIH

Sampling and Analysis of Indoor Microorganisms

Chin S. Yang and Patricia Heinsohn, Editors

Publication #07-014 \$89.95

The purpose of the book is to help investigators, laboratory managers, and environmental health professionals properly use science methods and correctly interpret the results by explaining the utility and various applications of advanced approaches to analyzing and remedying microbial contamination indoors. *Sampling and Analysis of Indoor Microorganisms* considers the fundamental concerns of microbiological growth and contamination indoors — how it starts, where to look, how to analyze it, and what path of remediation to consider. This comprehensive book covers:



- Problems in a water-damaged environment

- Indoor construction techniques and materials that impact environmental microbiology
- Sampling approaches
- Microbial ecology indoors, airborne bacteria, genetic-based analytical methods and statistical tools for microorganism analysis
- Mold removal principles and methods, including specialized microbial remediation techniques for HVAC systems, legionellas and biofilms, and sewage contamination
- A forensic approach toward the assessment of fungal growth in the indoor environment

ISBN: 978-0-471-73093-4. © 2007. 273 pages.

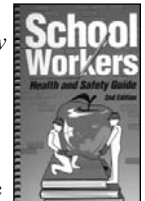
“The book should be considered an essential reference by industrial hygienists, environmental and safety personnel, public health officials, building and construction engineers, architects, and environmental attorneys.” — Joe L. Field, CIH, CHMM

School Workers Health and Safety Guide, 3rd Edition

Canadian Centre for Occupational Health and Safety

Publication #9760 \$12

This newest edition of *School Workers Health and Safety Guide* is an ideal work companion for teachers, custodians, school administrators, and school board officials. It outlines ways to recognize and control health and safety hazards associated with school occupations from routine classroom activities and building maintenance to science labs, sports activities, and industrial arts shops. *School Workers Health and Safety Guide* is complete with checklists, sample forms, charts, and illustrations, to make this guide a valuable tool for anyone concerned with school-related health and safety issues.



ISBN: 978-0-660-18378-1. © 2001. 158 pages.