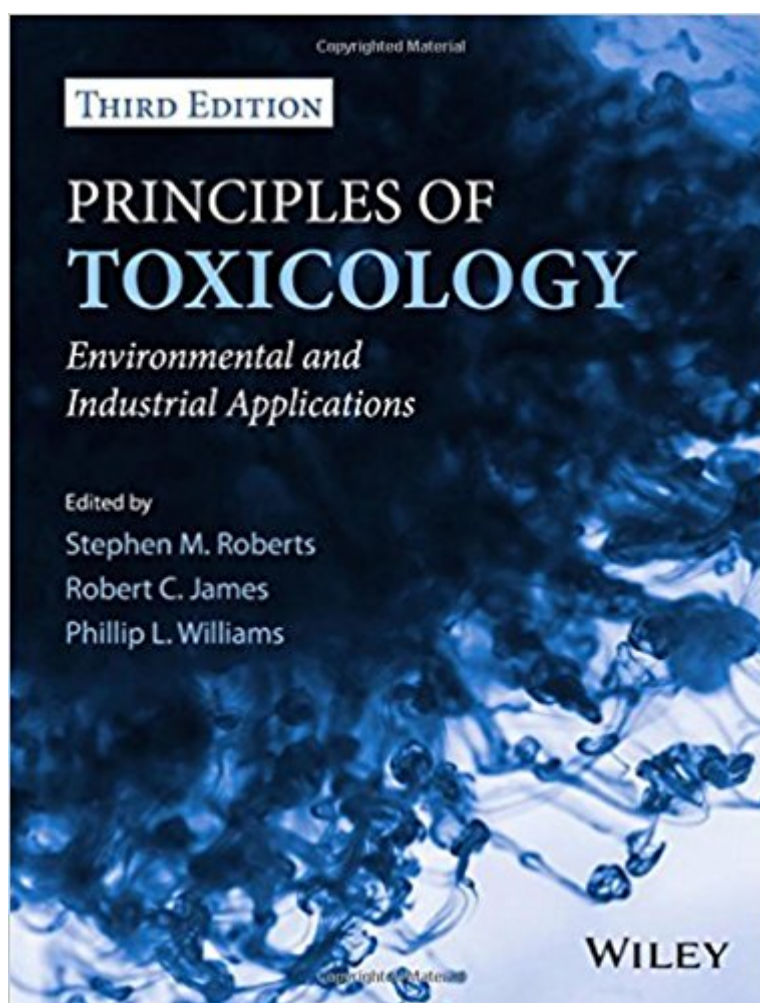




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Principles Of Toxicology: Environmental And Industrial Applications



Synopsis

A fully updated and expanded edition of the bestselling guide on toxicology and its practical application

- Covers the diverse chemical hazards encountered in the modern work and natural environment, and provides a practical understanding of these hazards
- New chapters cover the emerging areas of toxicology such as omics, computational toxicology, and nanotoxicology
- Provides clear explanations and practical understanding of the fundamentals necessary for an understanding of the effects of chemical hazards on human health and ecosystems
- Includes case histories and examples from industry demonstrate the application of toxicological principles
- Supplemented with numerous illustrations to clarify and summarize key points, annotated bibliographies, and a comprehensive glossary of toxicological terms

Book Information

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Customer Reviews

A fully updated and expanded edition of the bestselling guide on toxicology and its practical application Since the publication of the second edition the field of toxicology and continued changing expanding. Principles of Toxicology: Environmental and Industrial Applications, Third Edition continues to present compactly and efficiently the scientific basis to toxicology as it applies to the workplace and the environment. The book covers the diverse chemical hazards encountered in the modern work and natural environment, and provides a practical understanding of these hazards for those concerned with protecting the health of humans and ecosystems. Through contributions from leading experts in diverse fields, Principles of Toxicology, Third Edition features:

• Covers the diverse chemical hazards encountered in the modern work and natural environment, and provides a practical understanding of these hazards

• Provides clear explanations and practical understanding of the fundamentals necessary for an understanding of the effects of chemical hazards on human health and ecosystems

• Includes case histories and examples from industry demonstrate the application of toxicological principles

• Supplemented with numerous illustrations to clarify and summarize key points, annotated bibliographies, and a comprehensive glossary of toxicological terms

The new edition also covers emerging areas of toxicology and presents more information on applications of toxicology.

New topics include:

Toxicokinetics; Omics Technologies; Developmental Toxicity; Nanotoxicology; Computational Toxicology; and

Determination of Causation in Toxicology

Stephen M. Roberts, PhD, is Professor and Program Director of the Center for Environmental and Human Toxicology at the University of Florida, Gainesville

Robert C. James, PhD, is Senior Principal Scientist, ToxStrategies, Inc., Tallahassee, Florida, and Associate Scientist at the Center for Environmental and Human Toxicology at the University of Florida, Gainesville

Phillip L. Williams, PhD, is Dean & Georgia Power Professor at the University of Georgia, Athens

It gives a basic background on many of the topics in toxicology today. As an introductory book, it seems fairly comprehensive. The break down of toxicology as it relates to organ systems is a nice way of organizing the material. The inclusion of the computational toxicology is an addition that isn't seen in many other introductory toxicology textbooks.

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