**DESCRIPTION**

A fresh and comprehensive overview of ecotoxicology today

This book provides comprehensive single-source coverage of the entire field of ecotoxicology, from the ecological basics to the effects of chemicals on the environment and the latest test strategies.

Contributions by leading figures in ecotoxicology from around the world reflect the broad scope of current thinking and research, making this volume essential reading for informed professionals and students. Areas covered include:

* Ecosystem sensitivity, principles for analysis, and other fundamentals

* Fate, distribution, and speciation of chemicals in the environment

* Bioaccumulation and effects of chemicals

* Ecotoxicological test systems

* Concepts of ecological risk assessment

Incorporating numerous examples and case studies, this cutting-edge reference is an invaluable resource for those working in environmental toxicology, chemistry, ecology, medicine, engineering, and other related disciplines.
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