

1. Record Nr.	UNINA9910222235103321
Autore	Walker C. H (Colin Harold), <1936->
Titolo	Organic pollutants : an ecotoxicological perspective / / C.H. Walker
Pubbl/distr/stampa	Boca Raton, FL, : CRC Press, ©2001
ISBN	0-367-80631-2 1-280-40607-0 9786610406074 1-4200-2279-2 0-203-48505-X
Descrizione fisica	1 online resource (297 p.)
Altri autori (Persone)	TylerCharles (Charles R.)
Disciplina	363.738 615.9/5
Soggetti	Organic compounds - Toxicology Organic compounds - Environmental aspects Environmental toxicology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title page (viewed Jan. 14/10).
Nota di bibliografia	Includes bibliographical references (p. [258]-274) and index.
Nota di contenuto	Book Cover; Title; Contents; Preface; Acknowledgements; BASIC PRINCIPLES; CHEMICAL WARFARE; FACTORS DETERMINING THE TOXICITY OF ORGANIC POLLUTANTS TO ANIMALS AND PLANTS; INFLUENCE OF THE PROPERTIES OF CHEMICALS ON THEIR ENVIRONMENTAL FATE; DISTRIBUTION AND EFFECTS OF CHEMICALS IN COMMUNITIES AND ECOSYSTEMS; MAJOR ORGANIC POLLUTANTS; THE ORGANOCHLORINE INSECTICIDES; POLYCHLORINATED BIPHENYLS AND POLYBROMINATED BIPHENYLS; POLYCHLORINATED DIBENZODIOXINS AND POLYCHLORINATED DIBENZOFURANS; ORGANOMETALLIC COMPOUNDS; POLYCYCLIC AROMATIC HYDROCARBONS; ORGANOPHOSPHOROUS AND CARBAMATE INSECTICIDES; THE ANTICOAGULANT RODENTICIDES PYRETHROID INSECTICIDES; FURTHER ISSUES AND FUTURE PROSPECTS; THE ECOTOXICOLOGICAL EFFECTS OF HERBICIDES; DEALING WITH COMPLEXITY: THE TOXICITY OF MIXTURES; THE ENVIRONMENTAL IMPACT OF ORGANIC POLLUTANTS; FUTURE PROSPECTS; Glossary; References; Index

Sommario/riassunto

Organic pollutants continue to be a major hazard in the environment. Often difficult to measure accurately and to deal with effectively, these compounds feature more and more prominently in courses on environmental toxicology and environmental sciences. This much needed book is a companion to the highly praised *Principles of Ecotoxicology*. It covers organic pollutants in greater depth and detail than has been covered in a textbook before. The first part covers issues such as: chemical warfare, metabolism of pollutants in animals and plants, environmental fate, and effects within ecosystems. This is followed by discussion of particular pollutants such as: organochloride insecticides, PCBs, dioxins, organometallic compounds, polycyclic aromatic hydrocarbons, anticoagulant rodenticides, and others. The book concludes with coverage of ecotoxicity testing, biomarkers and bioassays and future prospects for improved assessment of the dangers these compounds pose. It breaks new ground in offering a concise source of information on these compounds at a level suitable for senior undergraduates and postgraduates. Professionals working within the fields of environmental toxicology and environmental science will also find it a valuable reference.
