Record Nr. UNINA9910817572103321 Autore Cockerham L. G. Titolo Basic Environmental Toxicology Pubbl/distr/stampa Boca Raton,: Routledge, 2018 **ISBN** 1-351-46463-9 1-315-13809-3 1-351-46462-0 Edizione [1st ed.] Descrizione fisica 1 online resource (627 pages): illustrations Altri autori (Persone) ShaneBarbara S Disciplina 574.5222 Soggetti Pollution Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Cover; Title Page; Copyright Page; Editors; Preface; Contributors; Table of Contents; Section I; Chapter 1 Introduction to Ecotoxicology; Chapter 2 Principles of Ecotoxicology; Chapter 3 Xenobiotic Metabolism; Section II; Chapter 4 Toxic Metals in the Environment; Chapter 5 Toxicity of Petroleum; Chapter 6 Toxicity of Solvents; Chapter 7 Toxicity of Pesticides; Chapter 8 Halogenated Aromatic Compounds; Chapter 9 Environmental Ionizing Radiation; Chapter 10 Animal and Plant Toxins; Section III; Chapter 11 Toxicology of Air Pollution; Chapter 12 Soil Toxicology Chapter 13 Environmental Aquatic ToxicologyChapter 14 Impacts of Xenobiotics on Estuarine Ecosystems: Chapter 15 Wildlife Toxicology: Section IV; Chapter 16 Environmental Health; Chapter 17 Occupational Toxicology; Chapter 18 Environmental Epidemiology; Chapter 19 Detection -- Analytical; Chapter 20 Detection -- Bioassay; Chapter 21 Human Health Risk Assessment; Chapter 22 Ecological Risk Assessment: Index Basic Environmental Toxicology provides a thorough, systematic Sommario/riassunto introduction to environmental toxicology and addresses many of the effects of pollutants on humans, animals, and the environment. Readers are introduced to the fundamentals of toxicology and ecotoxicology, the effects of different types of toxicants, and how toxicants affect different compartments of the environment.

Fundamental aspects of environmental health, occupational health, detection of pollutants, and risk assessment are discussed. The book is excellent for anyone involved in risk assessment or risk management, toxicologists, state and local public health officials, environmental engineers, industrial managers, consultants, and students taking environmental toxicology courses.