1. Record Nr. UNINA9910825530303321 Autore Penningroth Stephen Titolo Essentials of toxic chemical risk: science and society / / Stephen Penningroth Boca Raton:,: Taylor & Francis,, 2010 Pubbl/distr/stampa 0-429-09542-2 **ISBN** 0-203-02262-9 Descrizione fisica 1 online resource (214 p.) Disciplina 615.902 Soggetti Environmental toxicology Poisons -- Risk assessment Science -- Social aspects Environmental toxicology - Risk assessment Poisons - Social aspects Science Public Health Toxicology & Public Health Health & Biological Sciences Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Front cover: Dedication: Contents: Foreword: Preface: Acknowledgments; About the Author; Chapter 1: Toxic Chemical Risk as Science and Social Discourse; Body; Chapter 2: Environmental Pathways of Toxic Chemicals; Chapter 3: Dose-Effect; Chapter 4: Human Populations at Risk; Chapter 5: The Cornerstone of Risk Assessment; Chapter 6: The Body's Defenses against Chemical Toxicity; Chapter 7: Mechanisms of Chemical Disease; Chapter 8: Human Health Risk Assessment; Chapter 9: Ecological Risk Assessment; Chapter 10: Managing Chemical Risk in North America and Europe; Index; Back cover

Sommario/riassunto

Covers the science that underlies toxic chemical risk assessment, the

physiological and molecular bases of chemical toxicity, the process of assessing toxic chemical risk to human health and the environment,

and the strategies employed in managing it. This book introduces the basics of toxicology from a risk assessment perspective.