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Edizione	[Third edition.]
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Collana	Public Health/Environmental Health
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Soggetti	Environmental health Health risk assessment Electronic books.
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Title Page; Copyright; Table of Contents; Dedication; Tables, Figures, Text Boxes, and Tox Boxes; The Editor; The Contributors; Acknowledgments; Potential Conflicts of Interest in Environmental Health: From Global to Local; References; Part 1: Methods and Paradigms; Chapter 1: Introduction to Environmental Health; What Is Environmental Health?; The Evolution of Environmental Health; Spatial Scales, from Global to Local; The Forces that Drive Environmental Health; Key Terms; Discussion Questions; References; For Further Information; Chapter 2: Ecology and Ecosystems as Foundational for Health Environment as Ecology: Ecology as the Study of Our Home Population Ecology; Community Ecology; Ecosystem Ecology; Systems Thinking: From Ecology to Human Health; Features of Our Home: Ecological Characteristics as Foundational for Health; Toward Ecological Approaches to Health and Home; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 3: Sustainability and Health; Historical Considerations of Sustainability; Sustainable Human Well-Being and the Three-Legged Stool; Drivers of Nonsustainability, Limits to Growth, and Collapse

What Should Concern Us More: Population Growth Or Consumerism? Limits to Growth; Human Societal Collapse? Prevention Through Systems Thinking and Early Action; The Importance of Scale; The Way Forward; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 4: Environmental and Occupational Epidemiology; A Primer on Epidemiology; Environmental and Occupational Epidemiology; Epidemiology and Risk Assessment; Future Directions; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 5: Geospatial Data for Environmental Health

Components of Georeferenced Data Basic GIS Operations; Mapping and Spatial Analysis of Exposure; Mapping and Spatial Analysis of Disease Risk; What Makes Good Maps of Good Data?; What Can We Do with GIS?; Are There Any Limitations?; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 6: Toxicology; Introduction to Toxicology; Toxicology and Environmental Public Health; Toxicant Classifications; Testing Compounds for Toxicity; From Regulatory Toxicology to Public Health Policy; Summary; Key Terms; Discussion Questions; References; For Further Information

Chapter 7: Genes, Genomics, and Environmental Health Fundamental Concepts of Genetics and Genomics; Approaches for Identifying Gene-Environment Interactions; Examples of Gene-Environment Interactions in the Real World; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 8: Exposure Science, Industrial Hygiene, and Exposure Assessment; Anticipation, Recognition, Evaluation, and Control; Exposure Science; Summary; Key Terms; Discussion Questions; References; For Further Information; Chapter 9: Environmental Psychology; Environmental Psychology and Toxicology

Environmental Psychology Processes

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## Sommario/riassunto

"The bestselling environmental health text, with all new coverage of key topics Environmental Health: From Global to Local is a comprehensive introduction to the subject, and a contemporary, authoritative text for students of public health, environmental health, preventive medicine, community health, and environmental studies. Edited by the former director of the CDC's National Center for Environmental Health and current dean of the School of Public Health at the University of Washington, this book provides a multi-faceted view of the topic, and how it affects different regions, populations, and professions. In addition to traditional environmental health topics--air, water, chemical toxins, radiation, pest control--it offers remarkably broad, cross-cutting coverage, including such topics as building design, urban and regional planning, energy, transportation, disaster preparedness and response, climate change, and environmental psychology. This new third edition maintains its strong grounding in evidence, and has been revised for greater readability, with new coverage of ecology, sustainability, and vulnerable populations, with integrated coverage of policy issues, and with a more global focus. Environmental health is a critically important topic, and it reaches into fields as diverse as communications, technology, regulatory policy, medicine, and law. This book is a well-rounded guide that addresses the field's most pressing concerns, with a practical bent that takes the material beyond theory. Explore the cross-discipline manifestations of environmental health Understand the global ramifications of population and climate change Learn how environmental issues affect health and well-being closer to home Discover how different fields incorporate environmental health perspectives The first law of ecology reminds is that 'everything is connected to everything else.' Each piece of the system affects the

whole, and the whole must sustain us all for the long term.

Environmental Health lays out the facts, makes the connections, and demonstrates the importance of these crucial issues to human health and well-being, both on a global scale, and in our homes, workplaces, and neighborhoods"--Provided by publisher.

"Environmental Health: From Global to Local, Third Edition by Howard Frumkin is a comprehensive and contemporary introductory core text for students in public health, preventive medicine, community health, other health sciences, and environmental health. Expert contributors discuss the major issues in environmental health: air, water, food safety, occupational health, radiation, chemical and physical hazards, environmental disasters, vector control, and environmental justice.

Major changes to the third edition: - More global focus - New chapter on vulnerable populations, covering children, poor/minority communities, elderly, others - New chapter on sustainability - Shorten most chapters and eliminate redundancies throughout the book - Much more creative, engaging discussion questions "--Provided by publisher.

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