



Handbook of Environmental Health, Fourth Edition, Volume I: Biological, Chemical, and Physical Agents of Environmentally Related Disease (Paperback)

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Taylor Francis Inc, United States, 2017. Paperback. Condition: New. 4th New edition. Language: English . Brand New Book. The Handbook of Environmental Health-Biological, Chemical and Physical Agents of Environmentally Related Disease, Volume 1, Fourth Edition includes twelve chapters on a variety of topics basically following a standard chapter outline where applicable with the exception of chapters 1, 2 and 12. The outline is as follows:1. Background and status2. Scientific, technological and general information3. Statement of the problem4. Potential for intervention5. Some specific resources6. Standards, practices, and techniques7. Modes of surveillance and evaluation8. Various controls9. Summary of the chapter10. Research needs for the futureChapter 1, Environment and Humans discusses ecosystems, energy technologies and environmental problems, important concepts of chemistry, transport and alteration of chemicals in the environment, environmental economics, risk-benefit analysis, environmental health law, environmental impact statements, competencies for the environmental health practitioner.Chapter 2, Environmental Problems and Human Health has a general discussion of people and disease followed by a brief discussion of physiology including the human cell, blood, lymphatic system, tissue membranes, nervous system, respiratory system, gastrointestinal system and urinary system. There is a discussion of toxicological principles including toxicokinetics and toxicodynamics. There is a discussion of carcinogenesis, mutagenesis, reproductive...



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