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Environmental microbiology 3rd edition

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From terrestrial and aquatic ecosystems to urban and indoor environments, this edition relates environmental microbiology to a variety of life science, ecology, and environmental science topics including biogeochemical cycling, bioremediation, environmental science topics including biogeochemical cycling including biogeo emerging issues including microbial remediation of marine oil spills, microbial contributions to global warming, impact of climate change on microbial infectious disease, and the development of antibiotic-resistant bacteria. Presents state-of-the-art research results with key, recent references to document information Emphasizes critical information using "Information Boxes" throughoutIncludes real-world case studies to illustrate concepts, along with frequent use of graphics, cartoons and photographsOffers questions at the end of each chapter designed to test key concepts. are written by experts in conjunction with one of the editors, thus presenting authoritative material at a similar complexity and style across chapters." --Quarterly Review of Biology 1. Introduction to Environmenta 5. Aeromicrobiology 6. Aquatic Environments 7. Extreme Environments 8. Enviro Microorganisms and Organic Pollutants 18. Microorganisms and Metal Pollutants 19. Microbial Diversity and Interactions in Natural Ecosystems 20. Microbial Communitation: Bacteria-Bacteria and Bacter Indicator Microorganisms 24. Risk Assessment 25. 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