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Soggetti	Fungi Mycology Microbiology Medical microbiology Biodiversity Plant ecology Plants - Evolution Biotechnology Medical Microbiology Plant Ecology Plant Evolution Micosi Medi ambient Llibres electrònics
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Preface -- Climate change overview -- Fungi: Essential elements in ecosystems -- Thermotolerance and adaption to climate change -- Impact of climatic change on dermatophytosis -- Climate change and the proliferation of cases of sporotrichosis -- Climate change and eumycetoma -- Effect of climate change on the geographical distribution of coccidioidomycosis -- Geographical expansion of histoplasmosis and its relation to climate change -- Impact of climate

change on opportunistic mold infections -- The emergence of opportunistic yeast infections and climate change -- Climate change and allergies -- Climate change and mycotoxins -- Mycosis in natural disasters associated with climate change -- Advances and limitations in the identification of fungi -- Actions against the increase in fungal infections due to climate change: Prospects for vaccine development -- Bibliography -- Index.

Sommario/riassunto

The shift of weather patterns has affected the incidence and prevalence of infectious diseases, including mycoses. Mycoses have remained neglected due to a lack of training and recognition within the medical community. Nonetheless, these diseases remain common worldwide while frequently being underdiagnosed. Climate change affects the distribution of fungal communities, provoking outbreaks in locations where these mycoses were absent or in low frequencies. Moreover, the reports of clinical cases related to new fungal pathogens have increased due to the description of new fungal species or due to the ability of some species to shift to new hosts. Thus, this book, *The Impact of Climate Change on Fungal Diseases*, is a contribution to the knowledge of a global environmental phenomenon and its relation to these diseases, and it serves as a guide for health professionals to dive deep into the repercussions of climate change and how they can implement measures for the prevention and control of fungal infections.
