Record Nr. UNINA9910779919003321 Autore McMichael A. J (Anthony J.) **Titolo** Human frontiers, environments, and disease: past patterns, uncertain futures / / Tony McMichael [[electronic resource]] Cambridge:,: Cambridge University Press,, 2001 Pubbl/distr/stampa 1-107-12321-6 **ISBN** 1-316-09909-1 0-511-04792-4 0-511-15337-6 0-521-00494-2 1-139-10692-9 1-280-15485-3 0-511-32788-9 9786610154852 0-511-11954-2 Descrizione fisica 1 online resource (xvi, 413 pages) : digital, PDF file(s) Disciplina 362.1 Soggetti World health Diseases and history Sustainable development Climatic changes - Health aspects Human ecology Climatic changes Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Title from publisher's bibliographic system (viewed on 05 Oct 2015). Note generali Nota di bibliografia Includes bibliographical references (p. 366-401) and index. Cover; Half-title; Title; Copyright; Dedication; Contents; Sources for Nota di contenuto illustrations; Preface; 1 Disease patterns in human biohistory; 2 Human biology: the Pleistocene inheritance; 3 Adapting to diversity: climate, food and infection; 4 Infectious disease: humans and microbes coevolving: 5 The Third Horseman: food, farming and famines: 6 The industrial era: the Fifth Horseman?; 7 Longer lives and lower birth rates; 8 Modern affluence: lands of milk and honey; 9 Cities, social

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overstepping limits

11 Health and disease: an ecological perspective 12 Footprints to the future: treading less heavily; Notes; Index

Sommario/riassunto

This compelling account charts the relentless trajectory of humankind, and its changing survival and disease patterns, across place and time from when our ancient ancestors roamed the African Savannah to today's populous, industrialised, globalising world. This expansion of human frontiers - geographic, climatic, cultural and technological - has encountered frequent setbacks from disease, famine and dwindling resources. The social and environmental transformations wrought by agrarianism, industrialisation, fertility control, social modernisation, urbanisation and mass consumption have profoundly affected patterns of health and disease. Today, as life expectancies rise, the planet's ecosystems are being damaged by the combined weight of population size and intensive economic activity. Global warming, stratospheric ozone depletion and loss of biodiversity pose large-scale hazards to human health and survival. Recognising this, can we achieve a transition to sustainability? This and other profound questions underlie this chronicle of expansive human activity, social change, environmental impact and their health consequences.