

## Global Health and Development

Low-Carbon Economy and Health Innovation

This book reviews the global preparedness to pandemic challenges to human health and development by compiling the brilliant ideas of experts and entrepreneurs from the fields of public health, health economics, environmental engineering, pharmaceutical interventions, and other related fields. This book proposes a collective effort to take pandemic prevention, preparedness, and response seriously and prioritize it accordingly to avoid the potential catastrophe in this inter-connected world by summarizing the lessons learned from the COVID-19. In the context of today's climate change and its association with human health, the book presents the need for aligning climate and health goals and puts up with the multi-sectors and low-carbon economic strategies where health is prioritized in development. Furthermore, when more and more novel medical and pharmaceutical items worldwide are launched, the health system could be improved. With the help of digital health, artificial intelligence (AI), and other innovative forms of healthcare products, the efficiency and effectiveness of healthcare services provision could be promoted, leading to a more promising future for human health. This book vividly presents how such new technologies are applied to build an intelligent and robust health system and how innovations can be used to promote human health.

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