

1. Record Nr.	UNINA9910886093203321
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Titolo	Risk Management in Public Health / / by Jue Liu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	9789819768264 9819768268
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (175 pages)
Collana	Innovation in Risk Analysis, , 2731-6262
Disciplina	362.1068
Soggetti	Health services administration Financial risk management Technological innovations Public health Political planning Health Care Management Risk Management Innovation and Technology Management Public Health Public Policy
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Overview of Public Health Risk, Jue Liu -- Chapter 2. Theory and Approaches of Public Health Risk Assessment for Emerging Infectious Diseases, Jue Liu -- Chapter 3. Theory and Approaches of Public Health Risk Assessment for Major Infectious Diseases, Jue Liu -- Chapter 4. Public Health Emergency Management System, Jue Liu -- Chapter 5. Surveillance and Early Warning on Public Health Risk, Jue Liu -- Chapter 6. Public Health Risk Management and Decision-Making, Jue Liu -- Chapter 7. Practice of risk management on COVID-19, Jue Liu -- Chapter 8. Practice of risk management on monkeypox, Jue Liu -- Chapter 9. Practice of risk management on malaria, Jue Liu -- Chapter 10. Practice of risk management on viral hepatitis, Jue Liu -- Appendix.
Sommario/riassunto	This book provides readers with a conceptual and applied understanding of the role of risk management in public health issues.

In recent years, public health emergencies of international concern have occurred frequently, such as COVID-19 pandemic and multi-country outbreak of monkeypox. Due to the diversity of pathogens, epidemic uncertainty, rapid transmission, extensive impact, and difficulty in governance of emerging infectious diseases, there is a great threat to global health, security and economy. With the development of science and technology, new technologies have also been applied to respond to major public health events, such as big data analysis and active monitoring technology, which have also played an important role in risk management of COVID-19. The progress of health data science has enriched the practice of preparedness and response to major global public health issues. In addition to classic theory and practice on risk management, this book introduces new progresson theories and practices of risk management in public health. The ten chapters are organized under two parts including theories and practices in major public health issues. This book is an essential and timely resource for public health managers, donors, practitioners, organizations, researchers, teachers who are interested and engaged in prevention and control on public health issues and risk management. These audiences should benefit from this approach as the book highlights the theory and practice of public health risk management from a more comprehensive perspective, which were seldom covered before.

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