

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910299379403321 |
| Titolo | Environmental Risk Analysis for Asian-Oriented, Risk-Based Watershed Management : Japan and Malaysia // edited by Minoru Yoneda, Mazlin Mokhtar |
| Pubbl/distr/stampa | Singapore : , : Springer Singapore : , : Imprint : Springer, , 2018 |
| ISBN | 981-10-8090-9 |
| Edizione | [1st ed. 2018.] |
| Descrizione fisica | 1 online resource (195 pages) |
| Disciplina | 333.73 |
| Soggetti | Water pollution Environmental management Ecotoxicology Environmental health Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Environmental Management Environmental Health |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references. |
| Nota di contenuto | Preface -- Part I – Introduction -- Chapter 1: Watershed Pollutants: Risk Assessment and Management of Chemicals and Hazardous Substances -- Part 2: Situation of Environmental risk in a watershed -- Chapter 2: Potential Health Risk of Heavy Metals in Malaysia -- Chapter 3: Atmospheric Emission of Mercury in Malaysia -- Chapter 4: Indoor environmental pollution associated with floods or dampness -- Part 3: Screening methods of environmental risk in a watershed -- Chapter 5: Whole effluent toxicity: Tool for risk assessment and management of hazardous chemicals in watershed area -- Chapter 6: Environmental Toxicity and Evaluation -- Chapter 7: Epidemiological approaches to characterize human health risks from environmental exposure in a watershed -- Part 4: Management of environmental risk in a watershed -- Chapter 8: Environmental Scan and Framework of watershed Risk Assessment in Malaysia -- Chapter 9: Institutional Arrangement and Legal Framework for the Management of Watersheds in Malaysia -- |

Chapter 10: An Integrated Approach for Stakeholders Participation in Watershed Management -- Chapter 11: Transition of Hazardous Chemical Management and Environmental Risk Management and Evaluation in Japan -- Chapter 12: A history of water quality monitoring system in Japan -- Chapter 13: Environmental Dynamic Model of Chemicals for Risk Evaluation -- Chapter 14: Water Information Access 'Communication Pack': To Know Is to Care.

Sommario/riassunto

This publication is a practical guidebook on environmental risk assessment, especially for watershed-scale management. It highlights case studies of watershed environmental risk in Malaysia, including the potential health risks as well as screening methods and management in practice. In order to apply environmental risk assessment methods for the management of toxic chemicals, it is necessary to consider the geological and climate features of each country as well as their cultural characteristics. Focusing on Malaysia as a representative country, the book also discusses studies in other Asian countries. The insights provided can be applied to advanced and developing countries alike. A suitable textbook for graduate students, it is also a valuable reference source for researchers, practitioners and policymakers.
