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Nota di contenuto	Intro -- Contents -- Foreword -- Acknowledgements -- List of Contributors -- Disclaimer -- 1 Harmonised assessment of risk and risk management for water-related infectious disease: an overview -- 2 Guidelines: the current position -- 3 The Global Burden of Disease study and applications in water, sanitation and hygiene -- 4 Endemic and epidemic infectious intestinal disease and its relationship to drinking water -- 5 Excreta-related infections and the role of sanitation in the control of transmission -- 6 Disease surveillance and waterborne outbreaks -- 7 Epidemiology: a tool for the assessment of risk -- 8 Risk assessment -- 9 Quality audit and the assessment of waterborne risk -- 10 Acceptable Risk -- 11 A public health perspective for establishing water-related guidelines and standards -- 12 Management strategies -- 13 Indicators of microbial water quality -- 14 Risk communication -- 15 Economic evaluation and priority-setting in water and sanitation interventions -- 16 Implementation of guidelines: some

practical aspects -- 17 Regulation of microbiological quality in the water cycle -- 18 Framework for guidelines development in practice -- Index -- A -- B -- C -- D -- E -- F -- G -- H -- I -- K -- L -- M -- N -- O -- P -- Q -- R -- S -- T -- U -- V -- W -- Y.

Sommario/riassunto

The potential to increase consistency in approaches to assessment and management of water-related microbial hazards was tackled by an international group of experts concerned with drinking water, irrigation and wastewater use and recreational/bathing water. It included individuals with expertise in public health, epidemiology, risk assessment, risk management, standards and regulation, communication and economics. Subsequently, a series of reviews was progressively developed and refined, which addressed the principal issues of concern linking water and health to the establishment and implementation of effective, affordable and efficient guidelines and standards. This book is based on these reviews, together with the discussions of the harmonised framework and the issues surrounding it. This book will prove invaluable to all those concerned with issues relating to microbial water quality and health, including environmental and public health scientists, water scientists, policy makers and regulators.
