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Nota di contenuto	Adaptive Water, Sanitation and Hygiene Management: Resilient Governance Systems -- Adequate and Equitable Sanitation in Sri Lanka: Achievements, Issues, and Challenges -- Advanced Technologies in Water Treatment -- Approaches to Water Monitoring -- Capacity Building in Water Resource Management in Developing Countries -- Ceramic Water Filter as a Household Water Treatment System -- Citizen Science and Water Quality Monitoring: Evidence from Dublin and Beyond -- Constitutionality and the Co-management of Water Resources in Cameroon -- Contribution of Citizens to Preserving Local Freshwater Ecosystems -- Dam-Related Displacement and Sustainable Development Goal 6 -- Dendrochemistry As Chronological Data Monitoring to Address Mercury Water Contamination -- Earth's Water Distribution -- Ecosystem Services Approach and Natures Contributions to People (NCP) Help Achieve SDG6 -- Effect of Water and Soil Quality on Crop Productivity -- Environmental and Ecological Flows for Sustainability -- Environmental Degradation's Effect on the Gains Made in SDG6 -- Ethics in Water Resource Management: Roles, Frameworks and Principles -- Fecal Sludge Management for Sustainable Cities: Glimpses from Kenya -- Gendered Water, Sanitation, and Hygiene

Sommario/riassunto

The problems related to the process of industrialisation such as biodiversity depletion, climate change and a worsening of health and living conditions, especially but not only in developing countries, intensify. Therefore, there is an increasing need to search for integrated solutions to make development more sustainable. The United Nations has acknowledged the problem and approved the “2030 Agenda for Sustainable Development”. On 1st January 2016, the 17 Sustainable Development Goals (SDGs) of the Agenda officially came into force. These goals cover the three dimensions of sustainable development: economic growth, social inclusion and environmental protection. The Encyclopedia of the UN Sustainable Development Goals comprehensively addresses the SDGs in an integrated way. It encompasses 17 volumes, each devoted to one of the 17 SDGs. This volume is dedicated to SDG 6 "Ensure availability and sustainable management of water and sanitation for all". Water and sanitation are fundamental to human well-being. Integrated water resources management is essential to ensure availability and sustainable management of water and sanitation for all and to the realization of Sustainable Development. Concretely, the defined targets are: Achieve universal and equitable access to safe and affordable drinking water for all Achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations Improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally Substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity Implement integrated water resources management at all levels, including through transboundary cooperation as appropriate Protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes Expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies Support and strengthen the participation of local communities in improving Uwater and sanitation management Editorial Board Ulisses M. Azeiteiro, Anabela Marisa Azul, Luciana Brandli, Dominique Darmendrail, Despo Fatta–Kassinou, Walter Leal Filho, Susan Hegarty, Amanda Lange Salvia, Albert Llausàs, Paula Duarte Lopes, Javier Marugán, Fernando Morgado, Wilkister Nyaora Moturi, Karel F. Mulder, Alesia Dedaa Ofori, Sandra Ricart.
