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Altri autori (Persone)	RicartSandra Villar-NavascuésRubén Rico-AmorósAntonio M SharmaSubodh PanthiSudan Raj PoteRaja Ram BaidyaManish PoudelPrativa AnandaJayanath
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Nota di contenuto	Intro -- Series: Volume 6 -- Contents -- About the Editor -- Contributors -- Abstracts -- Preface to Transitioning to Clean Water and Sanitation -- Water Exchange and Wastewater Reuse to Achieve SDG 6: Learning from Agriculture and Urban-Tourism Coexistence in Benidorm (Spain) -- Transitioning to SDG 6: Climate Change Influence on Clean Water and Sanitation in Nepal -- Transitioning to Low-Carbon Drinking Water and Sanitation Services: An Assessment of Emission and Real Water Losses Efficiency of Water Utilities -- The Challenge of Enforcing the Right to Water: The Case of the Vedanta PLC Mining Conglomerate in Zambia.
Sommario/riassunto	Transitioning is a key concept for innovative management in several domains, particularly the challenges emerging from climate change.

Transitioning to Clean Water and Sanitation will, thus, contribute to an understanding of how transitions are underway for adapting water and sanitation systems to the projected impacts of climate change, with the aim of ensuring clean water, improved sanitation and proper hygiene conditions for a better protection of health in all parts of the world. The recent Intergovernmental Panel on Climate Change (IPCC) Special Report on the Impacts of Global Warming of 1.5 °C states that climate-related risks to health, livelihoods, food security, water supply, human security, and economic growth are projected to increase with a global warming of 1.5°C and to increase further to 2°C. In addition to water- and food-borne diseases, some vector-borne diseases (e.g., malaria and dengue fever) will become more frequent, including potential shifts in their geographical range. Climate change affects health through a range of different pathways amongst which water and sanitation play a major role in disease transmission. The increase of temperature and precipitation in many places in the world affect the transport and dissemination of infectious agents and the growth as well as survival of pathogens and vectors, particularly through water and sanitation systems. Therefore, any development perspective for the sustainable management of water and sanitation systems can no longer ignore the projected impacts of climate change in order to provide innovative solutions and grant successful management. Nor can we ignore the socio-political dimensions entailed therein and the persisting inequalities in the provision of clean water and sanitation across the globe in urban as well as rural areas. Thereby, water may both be the target and the source of conflict. This volume draws on a multi-disciplinary perspective to lay bare the possibilities and challenges for granting access to clean and safe water infrastructures. Transitioning to Clean Water and Sanitation is part of MDPI's new Open Access book series Transitioning to Sustainability. With this series, MDPI pursues environmentally and socially relevant research which contributes to efforts toward a sustainable world. Transitioning to Sustainability aims to add to the conversation about regional and global sustainable development according to the 17 SDGs. The book series is intended to reach beyond disciplinary, even academic boundaries. For use of the SDG logos and design, please see the according Guidelines for the use of the SDG logo, color wheel, and 17 icons.
