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Nota di contenuto	Wastewater Treatment and Water Resources Management -- Ecological Risk Assessment and Ecological Environment Protection -- Pollutant Emission Monitoring, Treatment and Life Cycle Assessment -- Renewable Energy Technology and Grid-Connected Renewable Energy System -- Energy-Saving Technology and Thermal Energy Engineering.
Sommario/riassunto	This book dedicates to publish exceptionally important and high-quality, agenda-setting research so as to tackle the key global and societal challenges of ensuring the provision of energy and protecting our environment for the future. The book appeals to chemical scientists, chemical and process engineers, energy researchers, bio-scientists, and environmental scientists from across academia, industry, and government. The scope is intentionally broad, and the book recognizes the complexity of issues and challenges relating to energy conversion and storage, alternative fuel technologies, and environmental science. The main topics of this book include but not limit to (1) alternative energy and the environment, (2) assessments of the condition of ecosystems and environmental quality, (3) behavior of

and impacts of pollutants in atmosphere, soil, and water, (4) management of ecosystems, environment, and water resources, (5) modeling and regional environmental assessments (includes global change), (6) treatment/restoration of ecosystems, environment, and water resources, and (7) sustainable/renewable energy. All scales of studies and analysis, from impactful fundamental advances to interdisciplinary research across the (bio)chemical, (bio/geo) physical sciences, and chemical engineering disciplines are welcomed. So, this book is linked to the energy-environment nexus and is of significant general interest to our community-spanning readership.