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Descrizione fisica	1 online resource (xv, 363 pages)
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Soggetti	Waste management Renewable energy resources Water - Pollution Agriculture Microbiology Waste Management/Waste Technology Renewable and Green Energy Waste Water Technology / Water Pollution Control / Water Management / Aquatic Pollution Applied Microbiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Microorganism of anaerobic digestion -- Household digesters in rural area -- Biogas septic tanks -- Biogas plant -- Materials and structures of digesters -- Biogas cleaning -- Biogas storage -- Biogas utilization -- Digestate utilization.
Sommario/riassunto	This book focuses on agricultural waste treatment and renewable energy production from the perspective of anaerobic digestion. It covers topics on anaerobic digestion processes and practices in various types of biogas plant construction and management and systematically addresses the principle and main features of three kinds of anaerobic digestion systems: household digesters, biogas septic tanks, and biogas plants. Instructive, informative and easy to understand, the book offers a valuable asset for researchers, technicians, graduate students and managerial personnel working in the areas of renewable energy, agricultural ecological engineering and the treatment and

