

1. Record Nr.	UNISA996217508903316
Autore	Liu Sean X
Titolo	Food and agricultural wastewater utilization and treatment [[electronic resource] /] / Sean X. Liu
Pubbl/distr/stampa	Ames, Iowa, : Blackwell Pub., c2007
ISBN	1-282-36534-7 9786612365348 0-470-27768-8 0-470-27642-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (290 p.)
Disciplina	628.746 628/.746
Soggetti	Agricultural wastes - Management Sewage - Purification
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Basic microbiology in wastewater treatment -- Physicochemical wastewater treatment processes -- Biological wastewater treatment processes -- Advanced wastewater treatment processes -- Natural systems for wastewater treatment -- Sludge treatment and management -- Innovative technologies for value-added substance/energy recovery from wastewaters -- Economics of food and agricultural wastewater treatment and utilization.
Sommario/riassunto	Food and Agricultural Wastewater Utilization and Treatment focuses on the cost-effective treatment technologies specific for food and agriculture wastewater and possible economical recovery of valuable substances from wastewater during common food processing and postharvest operations using innovative technologies. The technologies included in the book are not a mere collection of all known relevant technologies. Instead, priority consideration is given to those technologies that can not only solve the environmental problem of wastewater disposal but also reduce the wastewater managemen