

1. Record Nr.	UNINA9910457991603321
Titolo	Advances in water and wastewater treatment technology [[electronic resource]] : molecular technology, nutrient removal, sludge reduction and environmental health / / edited by Tomonori Matsuo ... [et al.]
Pubbl/distr/stampa	London, : Elsevier, 2001
ISBN	1-281-05466-6 9786611054663 0-08-052654-3
Descrizione fisica	1 online resource (337 p.)
Altri autori (Persone)	MatsuoTomonori
Disciplina	628.162
Soggetti	Water - Purification Sewage - Purification Sewage - Purification - Nutrient removal Electronic books.
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	Front Cover; Advances in Water and Wastewater Treatment Technology: Molecular Technology, Nutrient Removal, Sludge Reduction and Environmental Health; Copyrights Page; Preface; Contents; Section 1: Microbial Community Analysis; Chapter 1. Observation and model analysis for the bacterial community structure of activated sludge; Chapter 2. Stability, persistence and resilience in anaerobic reactors: a community unveiled; Chapter 3. Strategic approach for characterization of bacterial community in enhanced biological phosphate removal (EBPR) process Chapter 4. Microbial community structure and their activity in aquatic environmentChapter 5. Analysis of complex microbial community in soil and wastewater treatment processes by cloning method; Chapter 6. Microbial community analysis of thermophilic contact oxidation process by using PCR-DGGE method; Chapter 7. Relating function and community structure of complex microbial systems using neural networks; Chapter 8. Comparison of microbial communities in anaerobic granulated sludge reactors treating benzoate, methyl

benzoate and terephthalate; Section 2: Health-Related Microorganisms
 Chapter 9. Quantitative risk assessment of *Cryptosporidium* in a watershed
 Chapter 10. PCR determination of inactivated RNA coliphage Q;
 Chapter 11. Evaluation of UV-radiation and its residual effect for algal growth control;
 Chapter 12. Bacteriophages, coliform and fecal coliform bacteria in wastewater in southern Thailand;
 Chapter 13. Assessment of treatment efficiency by quantitative recovery of indicator bacteria and pathogens in sewage effluents;
 Section 3: Biological Nutrient Removal
 Chapter 14. Visualization of microscale distribution of nitrifying bacteria in biofilms formed in various type wastewater treatment processes
 Chapter 15. Nitrous oxide production in nitrogen removal process treating domestic sewage from combined sewer system;
 Chapter 16. Quinone profile analysis of activated sludge in enhanced biological P removal SBR treating actual sewage;
 Chapter 17. Applicability of FISH, dot blot hybridization, antibody immobilized latex coagulation, and MPN techniques as enumeration methods for ammonia-oxidizing bacteria in various water environments
 Chapter 18. Nitrous oxide and nitric oxide emissions during sulfur denitrification in soil-water system
 Chapter 19. FISHing for biomass in activated sludge mixed liquor: the slippery VSS fraction;
 Chapter 20. Identification of predominant microbial populations in a non-phosphate removing anaerobic aerobic bioreactor fed with fermented products;
 Chapter 21. Microbial aspects of autotrophic denitrification of wastewaters;
 Section 4: Sludge Reduction and Material Recovery
 Chapter 22. Membrane bioreactor: an advanced wastewater treatment/reclamation technology and its function in excess-sludge minimization

Sommario/riassunto

This book is the result of the international symposium, "Establishment and Evaluation of Advanced Water Treatment Technology Systems Using Functions of Complex Microbial Community", organized in 2000 at the University of Tokyo. The volume presents the most recent progress in application of microbial community analysis, health-related microorganisms management, nutrient removal, waste sludge minimization and materials recovery, and water management in tropical countries. Included in this work are the following major topics in wastewater treatment: application of various innovative

2. Record Nr.	UNISA996393840903316
Autore	Freake William
Titolo	Love and obedience or, Christs precept and promise [[electronic resource]] : Being a sermon preached on Whitsunday last, 28 of May, 1637. in Guild-hall chappell, before the right honorable the Lord Major of this city of London
Pubbl/distr/stampa	London : , : Printed by Iohn Okes dwelling in little-Saint Bartholomewes., 1637
Descrizione fisica	[4] 18 p
Soggetti	Sermons, English - 17th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Headpiece, initials. Signatures: A ² , B-C, D ¹ . Reproduction of original in: Henry E. Huntington Library and Art Gallery.
Sommario/riassunto	eebo-0113