



## Wastewater Management Through Aquaculture (Hardback)

By -

Springer Verlag, Singapore, Singapore, 2018. Hardback. Condition: New. 1st ed. 2018. Language: English . Brand New Book. This volume provides state-of-the-art information on soil-water interactions in wastewater systems, characterization of wastewater, modes of treatment, safety of wastewater use, water conservation technologies involved in recycling of sewage in fish culture, biogeochemical cycling bacteria and nutrient dynamics, ecosystem resilient driven wastewater reclamation, bioremediation, aquaponics, ecological integrity, culture practices of fish farming, microbial food web phenomena, fish diseases, environmental economics of wastewater, environmental risk assessment, environmental law and regulations. Given its breadth of coverage, the book will be useful to researchers, teachers, students, administrators, planners, farmers and entrepreneurs interested in the profitable use of wastewater in the wastes-into-wealth framework of for the benefit of humanity, and in achieving the targets for sanitation and safe wastewater reuse by 2030, specified in the United Nations Sustainable Development Goals. Concerns are growing about the quality and quantity of fresh water, as severe crises are expected in the near future. Climate change has further worsened the strain on inland water resources, with its major impacts on ecosystems and human life. It is most urgent to protect and conserve inland water resources to maintain vital ecosystem functions. Despite...



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