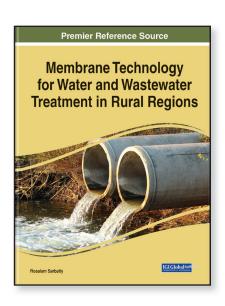# Membrane Technology for Water and Wastewater Treatment in Rural Regions

Part of the Practice, Progress, and Proficiency in Sustainability Book Series

Rosalam Sarbatly (Universiti Malaysia Sabah, Malaysia)

Description:

As a basic human need, water and its treatment are of the utmost importance. However, some rural areas are disadvantaged and have difficulty in effectively treating their water supply, which can affect the health and safety of their region. To protect and defend citizens, research must supply effective and applicable methods in securing the safety and drinkability of water.

Membrane Technology for Water and Wastewater Treatment in Rural Regions is an essential publication that discusses the fabrication and characterization of membranes, processes and operations, and specific applications of membranes on water and wastewater treatment. Moreover, the book discusses selected promising aspects of membrane usage in the industry with a focus on palm oil mill industry, sewage management and treatment, and water treatment in rural areas. Featuring coverage on a broad range of topics including membrane processes, water production, and transport resistances, this book is ideally designed for engineers, chemists, environmentalists, public officials, researchers, academicians, students, and industry professionals.

ISBN: 9781799826453	**Pages:** 354	**Copyright:** 2020	**Release Date:** February, 2020
Hardcover: $205.00	**Softcover:** $155.00	**E-Book:** $205.00	**Hardcover + E-Book:** $245.00

Topics Covered:

- Mass Transfer
- Membrane Characterization
- Membrane Fabrications
- Membrane Processes
- Microalgae
- Nanofiber Distillation
- Sewage Management
- Transport Resistances
- Wastewater
- Water Production
- Water Treatment

Subject: Environmental, Agricultural, and Physical Sciences

Classification: Authored Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners