

Membrane Technology for Water and Wastewater Treatment, Energy and Environment

Membrane Technology for Water and Wastewater Treatment, Energy and Environment provides information to assess the quantity and quality of current research and development activities in the ASEAN region, especially on membrane science and technology, which is recognized as one of the most powerful tools to solve environmental and energy problems. The book also reflects upon the Middle East region, where research on water treatment is growing due to scarcity of water. It includes:

- information on the latest developments of novel membranes for water and wastewater treatment
- an interdisciplinary approach addressing the challenges of fresh water supply and sanitation

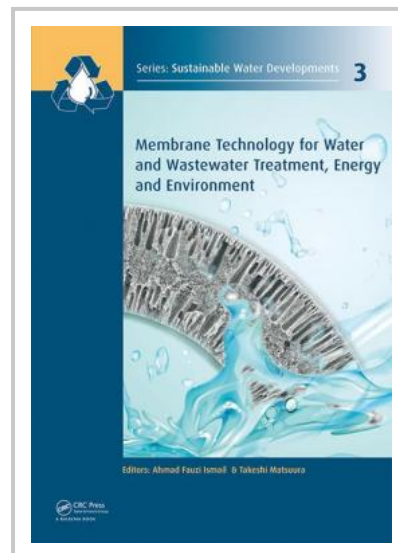
Many innovative ideas on the development of membrane science and technology are assembled in this book and readers will find information on the rapidly growing Research and Development activities in the ASEAN and the Middle East regions that are emerging as the next generation research centres of membrane technologies, especially owing to their need of technology for water and wastewater treatment.

Membrane Technology for Water and Wastewater Treatment, Energy and Environment will be useful not only for the engineers, scientists, professors and graduate students who are engaged in the Research and Development activities of the field, but also for a global audience interested in the sustainable development of these regions.

Table of contents:

Novel Membrane Development; Water and Wastewater Treatment (Applications); Water and Wastewater Treatment (Modelling); Membranes for Energy and Environmental Applications; Membranes for Environmental and Energy Applications (Gas Separation Application); Membranes for Other Applications

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