



Water Treatment Process

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Message from the Guest Editors

Sufficient and secure water supply is essential for meeting basic human needs and the functioning of many sectors of the economy. The imbalance between water supply and demand is already known and expected to increase in the future. Membrane processes can produce high-quality water from all types of water sources, including seawater and wastewater effluent. With the increase in demand, the application of membrane technologies in water treatment processes is increasing enormously. Nevertheless, these processes still require improvements in terms of pre-treatment, membrane fabrication, membrane module design, fouling control, selectivity, cost efficiency, process hybridization. Maintaining high-quality water in the distribution network and premise plumbing complements the main objective of producing high-quality water, underlining the importance of addressing water distribution aspects.

- Water treatment
- Drinking water
- Membrane processes
- Desalination
- Decentralized treatment





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Message from the Editor-in-Chief

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