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Perspectives and Challenges for Desalination in Low- and Middle-Income Countries

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Message from the Guest Editors

Large-scale desalination technology has been in use for decades. More than 20,000 facilities operate worldwide, with an increasing number of desalination plants in middle- and lower-income countries. Although seawater is the primary source, brackish water and treated wastewater are growing in production capacity.

In this Special Issue we want to address the challenges and perspectives of desalination for middle- and lower-income countries. The challenges are broad, including energy demand and supply, use of renewable energies in desalination, intermittent operation, capacity development of personnel, operation and maintenance, water quality, intakes and outfalls, environmental impact and mitigation actions, case studies, pre-treatment, reverse osmosis, funding and costs, etc.

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Message from the Editor-in-Chief

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