

Special Issue

Membrane Technology at the Forefront of Sustainable Water Treatment, Resource Recovery, and Environmental Management

Message from the Guest Editor

I am pleased to invite you to contribute to this Special Issue of Sustainability entitled "Membrane Technology at the Forefront of Sustainable Water Treatment, Resource Recovery, and Environmental Management," which will focus on the critical role membrane technologies play in driving sustainable water treatment, promoting resource recovery, and advancing environmental management practices. As the world grapples with the impacts of water scarcity, increasing pollution, and the need for sustainable resource management, membrane technologies offer promising solutions that are both energy-efficient and environmentally sound. From desalination to wastewater treatment and resource recovery, membranes are at the cutting edge of innovations designed to meet these global challenges. This Special Issue will explore breakthroughs in membrane processes, novel materials, and hybrid systems, with a strong emphasis on sustainability and energy efficiency. We seek contributions from researchers working at the intersection of technical, environmental, and socio-economic aspects of sustainable development and, by focusing on membrane technologies.

Guest Editor

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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