

## Special Issue

# New Challenges in Polymer Membranes for Water Treatment

### Message from the Guest Editors

Water is a critical resource for life and societal function. Access to water is essential, as are the technologies used for treating various water sources. While many water treatments have been developed to achieve desired water quality, there remains significant challenges and opportunities for improving the energy efficiency of water treatment processes, and for the treatment of non-traditional water sources and harvesting other resources from both traditional and non-traditional water sources. This Special Issue aims to feature new challenges, recent developments, and advances for all aspects of water treatment using polymer membranes, including membrane processes, new membrane materials and manufacturing processes, membrane reuse/recycling, etc.

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### Guest Editors

Dr. Bryan Beckingham

Dr. Cassandra Porter

Dr. Michael Howard

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### Deadline for manuscript submissions

closed (15 January 2025)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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