

## Special Issue

# Advances in Separation Processes in Water and Waste Water Treatment Technologies

### Message from the Guest Editors

Among the cornerstones of environmental protection is the protection of the water resources of fresh and saltwater ecosystems and ensuring access to drinking water of good quality. On the other hand, water scarcity and drought are increasingly frequent and widespread phenomena in various locations. There are many different types of water purification, and the separation process is the most important one. This Special Issue welcomes submissions dealing with the application of separation technology in water treatment and will cover all aspects of separation science, including the synthesis and characterization of membranes, fundamental transport studies, lab-scale demonstrations, and optimization of separation processes. This Special Issue also seeks to address issues of transport phenomena, surface science, polymer synthesis, polymer physics, and nanotechnology, with a particular focus on the application of advanced materials for clean water production as well as pollutant removal.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 May 2022)



## 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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