



Development and Applications of Composite Materials and Membranes for Water Remediation and Monitoring

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Message from the Guest Editors

Dear Colleagues:

Water is one of the most valuable resources on Earth. The contamination of water sources by chemicals released due to anthropogenic activities results in a critical threat to human health and the environment.

In the actual scientific framework, it is underlined that high-impact research works reporting on the implementation of affordable, environmentally friendly, and highly effective approaches for the removal of a wide range of contaminants are a keystone for scientific and technological evolution. The development of novel composite materials and membranes to address oil–water separation, desalination, biological, physical, or chemical processes for the remediation of heavy metals, organic dyes, contaminants of emerging concern, bacteria, or microorganisms is vital to achieve “clean water and sanitation for all”.

The aim of this Special Issue is to provide a platform to collect current innovations in terms of technological solutions, alongside the development of novel composite materials and membranes for the mitigation of various threats related to water remediation and monitoring.





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Message from the Editor-in-Chief

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