



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

Guest Editors:

Dr. Hugo Salazar

BCMaterials, Basque Center for
Materials, Applications and
Nanostructures, Leioa, Spain

Dr. Andreina Garcia

Advanced Mining Technology
Center (AMTC), Universidad de
Chile, Santiago 8370451, Chile

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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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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, St. Alban-Anlage 66
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