



Polymeric Materials for Wastewater Purification

Guest Editors:

Dr. David Alejandro Jeison Nuñez

School of Biochemical Engineering, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile

Dr. Alvaro Esteban Torres-Aravena

School of Biochemical Engineering, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile

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Message from the Guest Editors

Water pollution and freshwater scarcity are a worldwide problem, with dramatic economic and social implications. As a result, modern societies have dedicated enormous economic, political, industrial, and scientific efforts in order to treat, purify, recover, and reuse water from municipal, industrial, and/or agro-industrial waste sources. Specific efforts have considered the research and application of polymeric-based materials for water purification. Polymeric materials can be applied in very different forms and thorough different process or unit operations. Typical examples of applications are precipitation, flocculation, adsorption, and filtration. This issue is dedicated to presenting some of the latest advances in the use of polymeric materials for wastewater treatment, purification, and/or water reuse. The topics of interests include but are not limited to polymeric-based membranes (microfiltration, ultrafiltration, nanofiltration reverse osmosis, forward osmosis), chemical precipitation through polymeric coagulants/flocculants, polymeric-based nanocomposites, hydrogels for physical adsorption, water disinfectants (such as chitosan), etc.





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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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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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Contact Us

Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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