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Fouling in Liquid Separation Membrane Technologies

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Deadline for manuscript submissions:

closed (30 September 2018)

Message from the Guest Editors

Dear Colleagues,

This Special Issue encourages the submission of general works on membrane fouling, and, in particular:

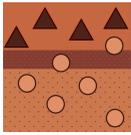
- Case studies on membrane systems characterized by a constant or sudden permeate flux reduction as a function of time
- Review of historical process data from membrane systems that exhibit a reduction of performances as a function of time due to fouling
- Studies of fouling formation and growth on membrane surfaces
- Development of statistic and/or mathematical models of the ongoing fouling on membrane systems as a function of time
- Critical flux, threshold flux, sustainable flux, boundary flux studies
- Advanced control systems for membrane processes for fouling formation inhibition
- Membrane surface modification studies to inhibit fouling formation
- Biofouling
- Development of new devices, equipment, modules or process design for fouling inhibition purposes
- Cleaning and/or washing procedures to eliminate fouling formation on membranes

I hope that you might join this opportunity for publication of your work.



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Special Issue



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Editor-in-Chief

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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

Membranes is an international, peer-reviewed open access journal of membrane technology published monthly online by MDPI. The journal covers the broad aspects of the science and technology of both biological and non-biological membranes, including membrane dynamics and the preparation and characterization of membranes and their applications in water, environment, energy, and food industries. Articles contributing to better understanding of transport processes in all types of membranes are also welcome. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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