Special Issue

Membranes Used in Water Purification

Message from the Guest Editors

There is a high demand to develop and improve technologies for water purification, as some of the techniques generally used are expensive, energy-intensive, and/or harmful to the environment. Separation methods using membranes have been frequently used for decades as a technically, economically, and environmentally viable alternative, as they allow for the removal of a wide variety of contaminants, such as large colloids, algae, bacteria, and individual ions presenting small hydrated radii. However, these processes still face challenges, mainly the effects of fouling. and invite researchers to publish their works involving water purification using membrane-based techniques, such as microfiltration, ultrafiltration, nanofiltration, reverse osmosis, forward osmosis, pressure-retarded osmosis, membrane distillation, and electrodialysis. This Special Issue serves as a platform for gathering all recent advances in the broad scope of membranes used in water purification. Articles, case studies, reviews, and communications are welcome and held in high regard.

Guest Editors

Dr. Kayo Santana Barros

Departmet of Chemical and Nuclear Engineering (IEC Group, ISIRYM). Universitat Politècnica de València, València, 46022 València, Spain

Prof. Dr. Valentín Pérez-Herranz

Departmet of Chemical and Nuclear Engineering (IEC Group, ISIRYM). Universitat Politècnica de València, València, 46022, València, Spain

Deadline for manuscript submissions

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Separations
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
separations@mdpi.com

mdpi.com/journal/separations

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Editor-in-Chief

Prof. Dr. Frank L. Dorman
Department of Chemistry, Dartmouth College, Hanover, NH 03755, USA

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