

Special Issue

Membrane-Based Processes for Agricultural Application

Message from the Guest Editors

Circular agriculture is essential to our sustainable future by closing the loop of materials and energy to enhance agricultural production while reducing resource demand and waste generation. Right now, membrane application is still in the infant stage and thus requiring further research to boost industrialization. This Special Issue solicits theoretical, application-oriented, experimental, and real-world research to demonstrate the advances in membrane processes for agricultural applications. Guest editors invite papers on the following topics:

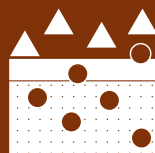
- Advanced membrane materials and processes for irrigation water production
- Advanced membrane materials and processes for agricultural wastewater treatment
- Novel membrane processes for nutrient recovery
- Economic and environmental assessment (e.g., life cycle assessment) on membrane processes to enhance agricultural production and resource utilization
- Advanced membrane processes for biomass conversion and management
- Policy discussion on the application of membrane technologies to achieve circular agricultural production

Guest Editors

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Dr. Wenhai Luo
Dr. Siming You

Deadline for manuscript submissions

closed (15 June 2021)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Spas D. Kolev
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