



**Guest editors**

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## Call for Papers

Special Collection “Membrane Science and Technology for Sustainable Future: Towards UN Sustainable Development Goal 6 “Clean Water and Sanitation”



### Aims & Scope

This Special Collection will highlight various ways in which membrane-based separations can help safeguard one of our planet’s most essential resources - clean water. Contributions are sought that describe recent advances in membrane materials as well as cutting-edge developments in membrane processes and technologies that contribute to attaining the UN Sustainable Development Goal 6 “Clean Water and Sanitation”. Of particular interest are papers that explore novel approaches to water reuse, nutrient recovery from wastewater, environmentally sound means of handling membrane concentrate, and process design solutions for cost-effective separations.

### Topics

Topics to be covered include, but are not limited to, the following:

- Novel developments in membrane materials and membrane fabrication methods
- New applications of membrane technologies for water reuse and resource recovery
- Wastewater and sludge as energy source in membrane-based separations
- Membrane bioreactors
- Desalination applications of membranes
- Concentrate management
- Feasibility of membrane technologies in practice
- Process integration and hybrid processes

# Journal of Environmental Engineering



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ENVIRONMENTAL &  
WATER RESOURCES  
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**Submission Deadline: March 1, 2024**

## Manuscript Submission Guidelines

1. Please submit your manuscript via ASCE Journal of Environmental Engineering website:

<https://www.editorialmanager.com/jrneeng>

2. Once on the Editorial Manager website, please indicate that your paper is for the special collection “Membrane Science and Technology for Sustainable Future” edited by Ismail Koyuncu, Evren Ersahin, Recep Kaya, Zakhar Maletskyi, and Volodymyr Tarabara.

3. Detailed information on the submission process is provided in the document “Publishing in ASCE Journals: A Guide for Authors” available at <https://doi.org/10.1061/9780784479018>

Please note that all accepted papers submitted in response to this Call for Papers will be published in regular issues of the ASCE *Journal of Environmental Engineering* and assembled online on a page dedicated to this Special Collection. See <https://ascelibrary.org/page/joeedu/specialcollections> for the list of Special Collections already published.