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Sustainable Advances in Oil & Gas, Mining, and Environmental Technologies: Innovations in Membrane and Porous Material Technologies

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Message from the Guest Editor

In the face of growing environmental challenges and the urgent need for sustainable development, industries worldwide are exploring advanced technologies to reduce their ecological footprint and enhance operational efficiency.

We are excited to present this Special Issue entitled "Sustainable Advances in Oil & Gas, Mining, and Environmental Technologies" focusing on how membrane and porous material technologies can enhance sustainability across the oil & gas, mining, and environmental sectors. We welcome contributions from leading researchers and industry experts offering valuable insights into the current state and future potential of membrane and porous material technologies. We hope that this collection of articles will inspire further innovation and collaboration, ultimately leading to a more sustainable and resilient future for industries worldwide.



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Special Issue



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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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