Special Issue

(Bio)-Sorbents for Water Treatment and Soil Remediation

Message from the Guest Editors

This issue aims to be multidisciplinary, involving theoretical and computational aspects of (bio)-sorbent material design and engineering; material property prediction, e.g., quantitative structure–property relationships; as well as intermolecular material–environment interactions (MEI). Practical and engineering works involving (bio)-sorbents and sorbents are welcome. We invite researchers to contribute to this Special Issue on "(Bio)-Sorbents for Water Treatment and Soil Remediation", which intends to serve as a unique multidisciplinary forum on theoretical, computational and experimental science and engineering, including technology and the application of crystalline adsorbents. The potential topics include, but are not limited to:

- The synthesis, development and characterization of (bio)-sorbents;
- Water treatment and remediation;
- Soil remediation;
- Zeolite and zeolite-like materials;
- Clays and clay-like materials;
- Composite and hybrid sorbents;
- Quantitative structure–property relationships;
- Computational property prediction and modelling;
- Novel practical applications of (bio)-sorbent adsorbents;
- Sustainable and circular solutions.

Guest Editors

Dr. Andrey E. Krauklis
Institute for Mechanics of Materials, University of Latvia, Jelgavas Street 3, LV-1004 Riga, Latvia

Dr. Ivar Zekker
Institute of Chemistry, University of Tartu, 50090 Tartu, Estonia

Deadline for manuscript submissions

closed (20 September 2023)

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

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Separations offers the scientific community a high-quality, open-access journal option with rapid time-to-publication without any sacrifice of a rigorous peer-review process. We invite contributions ranging from fundamental characterization and instrumentation development through application of techniques to shed light on a broad spectrum of separation science needs. Since inception, *Separations*, has become unique in its combination of rapid publication and thorough scientific content. We invite you to consider us for your next contribution.

Editor-in-Chief

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

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