

Special Issue

Solid/Liquid Adsorption in Water and Wastewater Treatment

Message from the Guest Editor

The overall scope of this Special Issue includes up-to-date development on the current state of knowledge on various adsorbents and their applications in the broad field of the separation and purification of water pollutants. Specifically, the topics for this Special Issue include but are not restricted to:

- The synthesis and characteristics of various adsorbent materials including biomass adsorbents, clay minerals and new emerging alternative adsorbents, composite adsorbents and their adsorptive effectiveness in water purification under various physicochemical process parameters;
- Kinetics, thermodynamics and equilibrium: experimental data, novel theories and models;
- Adsorption calculations and modelling;
- Continuous column process and process design: packed bed and moving bed systems, fluidised bed, bubble column operations and dynamic modelling;
- Industrial wastewater treatments—any case study.

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/solid_liquid

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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