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New Processes for Polluted Water Treatment

Guest Editors:

Prof. Dr. Marie-Noelle Pons

Prof. Dr. Olivier Sire

Dr. Julien Mahy

Prof. Dr. Patrick Drogui

Deadline for manuscript submissions:

closed (29 February 2024)

Message from the Guest Editors

This Special Issue, titled "Nano-/Micro-Plastics in Water and Wastewater Treatment Processes", aims to gather outstanding research and comprehensive coverage of all aspects related to contamination by nano-/micro-plastics to water networks, covering a wide range of technologies to sample, analyse, treat, and prevent water contamination by microplastics. Innovative techniques and practices must emerge that are both economically affordable and environmentally friendly. This Special Issue will bring together high-quality research articles on the different aspects of the threat of nano-/micro-plastics. including the current status and remaining challenges. Topics include, but not are limited to, the following:

- High throughput screening, chemical, and shape analyses
- Fate of microplastics in WWTPs: flotation sedimentation, and environmental "recycling" using sludges
- Integrated process development relating to the degradation and trapping of microplastics
- Innovative recycling processes to fit nano- and micro-scales











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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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