



Biofiltration and Physicochemical Filtration for Water Treatment

Guest Editor:

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Deadline for manuscript
submissions:

closed (28 February 2021)

Message from the Guest Editor

This issue of the journal is focused on the treatment of all types of effluents through filtration: Drinking water, urban wastewater, industrial wastewater and stormwater. The focus of the papers can take into consideration different benefits in terms of sustainability: contaminants removal, by-products recovery, energy efficiency and cost, carbon footprint.

We encourage submissions reporting findings on elimination of emergent contaminants, heavy metals or specific contaminant organic compounds. Both physical-chemical or microbiological testing approaches are welcome. The optimisation of operational conditions is also a very interesting point: Washing (frequency, protocols, intensity), evolution of head loss, optimum aeration, pH and redox potential control, material loss, reagents dosification (influence on efficiency and costs, optimum point of dosification), impact of returns on efficiencies.

Finally, we encourage submissions analysing different materials as filtering medium.



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Editor-in-Chief

Dr. Jean-Luc PROBST

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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.

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