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Advanced Oxidation Processes (AOPs) for Urban Wastewater Treatment and Re-use

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Message from the Guest Editors

Urban wastewater management and reuse represent a major challenge for economic development and public health. Water scarcities and potential water crises are pushing societies to strengthen water recycle, reuse, saving, and preservation.

New challenges are pushing urban wastewater treatment towards advanced technologies that are able to increase treated wastewater safety, supporting their reuse. Advanced oxidation processes are promising technologies for removing contaminants, including CECs, but still present some drawbacks like energy cost, by-product formation, reactor geometry optimization, and residual toxicity.



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Special Issue



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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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