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## Application of Photocatalysis in Water/Wastewater Treatment: Latest Advances and Prospects

Guest Editors:

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**Prof. Dr. Kaiqin Xu**

**Dr. Banghao Du**

Deadline for manuscript  
submissions:

**closed (15 May 2024)**

### Message from the Guest Editors

This Special Issue focuses on recent progress and trends in the development of engineered photocatalytic nanomaterials; advancements in their immobilization and support; photocatalytic reactor configurations; process optimization and its application in nanomaterial and reactor design; the elimination of organic pollutants including degradation byproducts from water and wastewater (domestic and industrial); and the combination of photocatalysis with other treatment technologies. Original research studies and literature reviews are encouraged and welcomed which describe the recent findings and advancements in the application of photocatalytic processes within the scope of this Special Issue, which aims to contribute novel knowledge regarding sustainable control strategies for emerging contaminants in water and wastewater via photocatalysis processes.



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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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