

Special Issue

Wastewater Treatment by Using the Photocatalysis

Message from the Guest Editor

Photocatalytic processes have demonstrated its potential for pollutants removal and disinfection of water obtaining good results as pre or post treatment of a traditional wastewater treatment plant. The irruption of the green chemistry concept with its twelve principles, the possibility of employing direct solar radiation as an energy source, and LED technologies have also increased the interest of these processes. For these reasons, we encourage all the researchers working in this field to send us their manuscripts with the latest advances in this area.

The main core of the manuscript must be the photocatalytic process and its applications to water treatment and should match with some of the next items: Nanomaterials; TiO₂ based processes; Catalyst modification or doping; Photo-reactors; Catalyst immobilization; Disinfection; Photo-Fenton and related processes; Solar processes Industrial wastewater; Combined processes; Emerging pollutants; Tertiary treatment

Guest Editor

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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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