

Special Issue

Advanced Oxidation Technologies in Industrial Wastewater Treatment

Message from the Guest Editors

Water scarcity is pushing man-kind to focus efforts on reducing the impact of industry over natural water courses., the final goal should be water recovery within the process. Industrial wastewater complexity implies the use of innovative and more-efficient treatment technologies. In this context, advanced oxidation processes may have an important role. Moreover, process integration is usually required to accomplish more-and-more restrict environmental legislation. Thus, advanced oxidation processes may be integrated with traditional biological systems, or even membrane processes. An important issue is the potential impact of treated effluents (since total mineralization is usually not achieved) on ecosystems and human health. Thus, the processes of optimization must bear in mind the evolution of the toxicological characteristics of wastewater during treatment. The aim of this Special Issue is to gather innovative works dealing with the application of advanced oxidation processes for industrial wastewater treatment and detoxification. Research dealing with pollutants and pathogen removal from wastewater are also welcome.

Guest Editors

Dr. Rui C. Martins

Prof. Dr. Rosa M. Quinta-Ferreira

Dr. Sandra Contreras Iglesias

Deadline for manuscript submissions

closed (15 June 2019)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/14649

Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

[mdpi.com/journal/
water](https://mdpi.com/journal/water)





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



[mdpi.com/journal/
water](https://mdpi.com/journal/water)



About the Journal

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

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)