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Advanced Oxidation Processes and Biodegradability

Guest Editors:

Dr. Babak Kakavandi

Department of Environmental
Health Engineering, Alborz
University of Medical Sciences,
Karaj, Iran

Dr. Na Tian

School of Environmental Studies,
China University of Geosciences,
Wuhan 430074, China

Deadline for manuscript
submissions:

closed (31 October 2023)

Message from the Guest Editors

Efficient decontamination of different recalcitrant organics from contaminated water/soil/air media is known to be a serious challenge in environmental treatment objectives. Further scientific studies are needed to better understand the mechanisms at play, neutralize the effect of interfering factors, process design engineering, reactions control of oxidation and powerful reactive species generation, improve mineralization efficiency, and enhance the use of sustainable and recyclable catalysts to increase the practical applicability of AOPs. In this Special Issue, entitled “Advanced Oxidation Processes and Biodegradability”, we invite manuscripts on the development, mechanisms, performance and practical application of AOPs (e.g., photocatalysis, ozonation, sonocatalysis, sulfate/iodate/carbonate/chlorine radical-based AOPs, new combinations for AOPs) for treating the contaminated environments. These may be in the form of reviews, full-length articles, or short communications.



mdpi.com/si/155329

Special Issue



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Editor-in-Chief

Dr. Demetrio Raldúa

Department Environmental
Chemistry, IDAEA-CSIC, Jordi
Girona 18, 08034 Barcelona,
Spain

Message from the Editor-in-Chief

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Contact Us

Toxics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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