



Application of Oxidation Technology for Water Treatment

Guest Editors:

Dr. Jing Deng

College of Civil Engineering,
Zhejiang University of
Technology, Hangzhou 310014,
China

Dr. Shijun Zhu

College of Civil Engineering,
Zhejiang University of
Technology, Hangzhou 310014,
China

Dr. Hanxuan Zeng

College of Civil Engineering,
Zhejiang University of
Technology, Hangzhou 310014,
China

Deadline for manuscript
submissions:

closed (5 July 2023)

Message from the Guest Editors

This Special Issue invites original and high-quality research papers and review papers on "Advanced Oxidation Technology for Water Treatment". The collection of relevant papers in this scope helps to improve the effectiveness of advanced oxidation technology in water treatment, to investigate its degradation mechanism and to reduce the cost in the actual treatment process.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Recent research progress of advanced oxidation technology;
- Development and application of new photocatalytic materials;
- Degradation kinetics of pollutants;
- Qualitative and quantitative studies of reactive free radicals;
- Identification of degradation by-products;
- Ecotoxicological assessment and toxicity calculations;
- Reduce the application cost of advanced oxidation technology;
- Application of Density Functional Theory calculations in advanced oxidation research.

We look forward to receiving your contributions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)