

Special Issue

Treatment for Industrial Organic Pollutants in Water: Application of Photocatalytic Technology

Message from the Guest Editors

Photodegradation of organic pollutants in the presence of catalysts is a promising technique due to its advantage during these degradation processes in the absence of catalysts under natural surrounding conditions. This process is capable of removing a wide range of organic pollutants, such as pesticides and herbicides, and micro pollutants, such as endocrine-disrupting compounds.

This Special Issue will focus on, but is not limited to,

a new synthesis and characterization of advanced photocatalysts (hybrid materials, quantum dots, colloidal nanoparticles, doped intermediate structure materials, etc.), their applications in water/wastewater treatment and the degradation of organic pollutants.

Research papers, reviews and viewpoints dealing with the photolysis of the most common organic pollutants (dyes, pesticides, herbicides, antibiotics, etc.) are welcome, as are papers dealing with the removal of emerging pollutants, such as antibiotics and their antagonists.

Guest Editors

Prof. Dr. Ahmed El Nemr

Marine Pollution Lab, National Institute of Oceanography and Fisheries (NIOF), Alexandria 21556, Egypt

Dr. Mohamed Aly Hassaan

Environment Division, National Institute of Oceanography and Fisheries (NIOF), Alexandria 21556, Egypt

Deadline for manuscript submissions

closed (31 May 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/97756

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

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





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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



About the Journal

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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)