



New Sustainable Materials for Photocatalysis

Guest Editors:

Prof. Dr. Zeynep Eren

Department of Environmental
Engineering, Engineering Faculty,
Atatürk University, 25240
Erzurum, Turkey

Dr. Başak Savun-Hekimoğlu

Institute of Marine Sciences and
Management, İstanbul University,
34470 İstanbul, Turkey

Deadline for manuscript
submissions:
closed (12 July 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue on “New Sustainable Materials for Photocatalysis” aims to collect and present all breakthrough research on the synthesis and use of photocatalysts from sustainable materials. The scope of this Special Issue covers but is not limited to the following topics:

- Synthesis of new sustainable materials for photocatalysis;
- Photocatalytic destruction of emerging pollutants from water and wastewater;
- Photocatalytic oxidation of micropollutants; reaction pathway, byproducts, end products, etc.;
- Advantages of newly synthesized photocatalysts over traditional nanocatalysts;
- Use of photocatalytic oxidation with other advanced oxidation processes (AOPs);
- Photolytic and photocatalytic treatment technologies for wastewater, freshwater, and groundwater.

Prof. Dr. Zeynep Eren
Dr. Başak Savun-Hekimoğlu
Guest Editors





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](#)