## **Special Issue**

# Advances in Photoassisted and Photocatalytic Processes for Water Remediation

## Message from the Guest Editors

Over the last few years, a remarkable amount of research has been devoted to the application of advanced oxidation processes (AOPs) as viable and effective technologies for the treatment of pollutants that are hardly removed by other conventional wastewater treatments. This Special Issue is aimed at covering the latest trends in water remediation, either for purification (including oxidation and reduction processes) or for disinfection, as well as novel achievements related to the syntheses of feasible catalysts for different photoassisted AOPs. Thus, we welcome both original and review articles, covering not only but mainly the following topics: Solar wastewater treatment; Water treatment/disinfection; Photoassisted AOPs combined with other technologies; Emerging pollutants removal; Real wastewater applications; Design of new photocalysts; Scale-up, engineering aspects of light-assisted AOPs.

## **Guest Editors**

Dr. Jaime Carbajo

Universidad Autónoma de Madrid, Chemical Engineering Department, Madrid, Spain

Prof. Dr. Patricia García-Muñoz

Department of Industrial Chemical and Environmental Engineering, Escuela Técnica Superior de Ingenieros Industrial (ETSII), Universidad Politécnica de Madrid (UPM), 28006 Madrid, Spain

#### Deadline for manuscript submissions

closed (10 December 2022)



# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



mdpi.com/si/41017

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

mdpi.com/journal/catalysts





# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



## **About the Journal**

## Message from the Editor-in-Chief

## **Editor-in-Chief**

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan, KS, USA

## **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, CAB Abstracts, and other databases.

#### Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

