Special Issue

Safety and Risk Analysis of Industrial Processes from the Perspective of Sustainability

Message from the Guest Editor

We are pleased to launch a new Special Issue focusing on the safety and risk analysis of industrial chemical processes from the perspective of sustainability. Sustainable processes must also ensure high-level safety via appropriate hazard and risk identification, management and reduction strategies. Such strategies, including technical, operational and educational approaches, can be applied at any stage of the lifecycle of a process (design, construction, operation and dismission) and during emergencies. Each processing category (e.g., chemical, pharmaceutical, the food industry, energy industry, waste industry, etc.) is affected by specific hazards and risks that need to be identified, tackled and controlled in light of particular process conditions and regimes, the unit operations involved, and the size and nature of the plant. Based on this foreword, the Special Issue aims to collect high-quality papers addressing current challenges and innovations or perspectives in the safety and risk analysis of industrial chemical processes from the perspective of sustainability.

Guest Editor

Dr. Paolo Mocellin

Department of Industrial Engineering, University of Padova, 35131 Padova, Italy

Deadline for manuscript submissions

31 January 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/183355

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



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)

