

Special Issue

Chemical Process Risk Assessment

Message from the Guest Editor

This Special Issue of our journal is dedicated to bringing together the latest research and developments in chemical process risk assessment to advance our understanding of this critical field. We invite researchers and practitioners to submit their latest findings, insights, case studies, and best practices to contribute to this important discourse. The Special Issue will provide a platform for exchanging knowledge and ideas and will help shape the future of chemical process risk assessment in the years to come. The topic includes, but is not limited to, the following:

- Hazard identification and analysis in chemical processes.
- Risk assessment methods and techniques, including HAZOP, FMEA, FTA, and QRA.
- Human factors in chemical process safety, including operator error and behavior.
- Emergency response planning and management.
- Process safety management systems and regulations.
- Safety culture in chemical plants.
- Emerging technologies for chemical process risk assessment, such as digital twins, artificial intelligence, and machine learning.
- Case studies and best practices in chemical process safety.

Guest Editor

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Deadline for manuscript submissions

closed (25 November 2023)



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Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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