

Special Issue

Safety and Risk Management in Digitalized Process Systems

Message from the Guest Editor

Process safety has always been a concern, from the dawn of industrialization. Due to catastrophic accidents worldwide, the importance of this unique research field was perceived, and several phenomenal research works helped to significantly reduce the number of accidents and provide us with a safer world. However, due the inception of Industry 4.0 and the increasing trend of process digitalization, the conventional safety analysis techniques need to be upgraded to handle the new challenges. These new adoptions are creating more data. How these data are used will shape the future of process safety and risk management. This Special Issue on “Safety and Risk Management in Digitalized Process Systems” aims to be a repository of state-of-the-art progress on inherent safety, hazard identification, safety culture, human factor, domino effect, fault detection and diagnosis, dynamic risk assessment and management, [...] For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/safety/special_issues/N1YX13W3OP

Guest Editor

Dr. Md Tanjin Amin

Mary Kay O'Connor Process Safety Center (MKOPSC), Texas A&M University, College Station, TX 77843, USA

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

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Raphael Grzebieta
Transport and Road Safety (TARS), University of New South Wales, Old
Main Building (K15), Sydney, NSW 2052, Australia

Author Benefits

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and other databases.

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manuscripts are peer-reviewed and a first decision is
provided to authors approximately 34 days after
submission; acceptance to publication is undertaken in 5.6
days (median values for papers published in this journal in
the second half of 2025).