

Special Issue

Data-Based Process Monitoring, Process Control, and Quality Improvement in Industry

Message from the Guest Editors

This Special Issue on “Data-Based Process Monitoring, Process Control and Quality Improvement in Industry” aims to curate a comprehensive overview of the latest research and developments in applications of data-based process monitoring, process control, and quality improvement, highlighting data-driven approaches utilized to optimize process performance, reduce waste, and improve product as well as process quality, and provides valuable insights for researchers and practitioners working in these areas. Topics include, but not are limited to, the following:

- Real-time monitoring;
- Statistical process control;
- Big data analytics, machine learning, and artificial intelligence;
- Smart manufacturing;
- Process optimization;
- Fault detection and diagnosis;
- Process control;
- Quality improvement approaches;
- Lean Six Sigma;
- Design for Six Sigma;
- Industry 4.0;
- Blockchain-based traceability.

Guest Editors

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Deadline for manuscript submissions

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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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