

## Special Issue

# Innovation and Optimization of Production Processes in Industry 4.0

### Message from the Guest Editor

Industry 4.0 aims to automate and optimize production processes by using advanced technologies such as artificial intelligence, big data, internet of things, cloud computing, etc. To do this, it is necessary to perform tasks such as the real-time monitoring of demand and supply of products or services, establishing optimal production plans and resource allocation, monitoring and predicting the performance and condition of equipment, and performing predictive maintenance. These tasks can have effects such as improving the quality and safety of products or services, reducing costs and time, considering environmental issues and social responsibility, etc. This special Issue seeks high-quality works focusing on related areas and topics include, but are not limited to:

- Innovation efficiency measurement;
- Optimized production system;
- Case study in Industry 4.0;
- Smart factory and its application;
- System dynamics approach in Industry 4.0.

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### Guest Editor

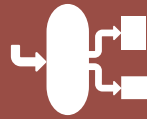
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### Deadline for manuscript submissions

30 September 2025



## Processes

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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.

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### Editor-in-Chief

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