

## Special Issue

# Industrial Engineering for Sustainable Industry

### Message from the Guest Editor

In recent years, the use of fossil fuels such as coal and petroleum has rapidly increased with population growth, and the forests in some countries and regions have been extensively lost due to large-scale fires and deforestation. These mean massive emissions of carbon dioxide and the function decline in carbon dioxide absorption have resulted in the climate crisis, characterized by temperature rise and extreme weather that can affect human daily life. Relevance conferences have been held internationally to establish rules and targets for aiming at the development of realistic actions and solutions. In the industry, it is fundamental to carefully and effectively utilize physical management resources, such as workers and the machines and robots that support them and the materials that transform products and services. To address this issue, industrial engineering has contributed greatly by developing theories and methods from various viewpoints such as the study of time and human motion, process analysis, and the design of lean and safe operations in a supply chain.

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### Guest Editor

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## Sustainability

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### Editor-in-Chief

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