Special Issue

Sustainable Manufacturing for a Better Future

Message from the Guest Editor

Many countries, including major economies like the European Union, the United Kingdom, Japan, and South Korea, have committed to reaching net-zero emissions by 2050 or earlier. In recent years, manufacturing has rapidly developed with the continued advancement of artificial intelligence and big data techniques. By integrating these emerging technologies, manufacturing can become even smarter, resulting in numerous opportunities for enhancing sustainability and efficiency. In this Special Issue, the aim is to bring together diverse researchers into a common forum, exploring how big data, machine learning, digital twin or other new techniques could contribute to the advancement of sustainable manufacturing, thus creating a better future. This Special Issue welcomes papers on the following themes:

- Big data, machine learning and/or digital twin-aided sustainable traditional manufacturing, additive manufacturing, hybrid manufacturing or other novel manufacturing processes.
- Sustainable additive manufacturing, hybrid manufacturing or other novel manufacturing process developments.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2024)

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Journal of Manufacturing and Materials Processing

an Open Access Journal by MDPI

Impact Factor 3.3
CiteScore 5.2

mdpi.com/journal/jmmp

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Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (*JMMP*)(ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP.*

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