

Special Issue

Large-Scale Production Systems: Sustainable Manufacturing and Service

Message from the Guest Editors

Large-scale manufacturing facilities consume many environmental, energetic, and economic resources due to wide spatial distribution, division of labor, extensive use of machinery, and multitude of components.

Consequently, it is imperative to develop new strategies for enhancing the efficiency of manufacturing activities and services within large-scale production systems (LSPSs), mitigating the negative impact of LSPSs on global sustainability. Examples of LSPSs include water distribution systems, large automotive manufacturing plants, large dairy production systems, textile industries, iron and steel industries, oil and gas systems, food processing systems, etc. Sustainable development within LSPSs pose the need to investigate new progress and trends to increase the sustainability of LSPSs.

Therefore, this Special Issue aims to present novel ideas and experimental results in the domain of the sustainable development of manufacturing and services within LSPSs, including both theoretical and practical investigations. Additionally, ideas conceived for improving the sustainability of lower-scale industrial plants, extensible to LSPSs, are appreciated.

Guest Editors

Dr. Simone Arena
Dr. Alessandra Cantini
Dr. Filippo De Carlo

Deadline for manuscript submissions

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

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

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