

Special Issue

Sustainable Research on 3D Printing: Technologies, Materials, and Applications

Message from the Guest Editors

The main aim of this Special Issue is to contribute to the knowledge about the environmental impact of 3D printing techniques. Research areas may include (but are not limited to) the following: 3D printing of cementitious materials (concrete, mortars), 3D printing of geopolymers, 3D printing of soft and biomaterials, additive manufacturing for electronics and metamaterials, new materials for 3D printing (metals, composites, hard materials, ceramics, etc.), multi-material 3D printing, 3D printing technologies, metallization for 3D printing, 3D printing for microfabrication, numerical and finite element modeling of additive manufacturing processes, life-cycle assessment of additive manufacturing process, the environmental impact of the manufacturing process, and the economic aspects of 3D printing. The present Special Issue welcomes research papers and review papers that apply 3D printing technology to improve sustainability and reduce environmental impacts. The papers published in this Special Issue will contribute to the knowledge about Sustainable Research on 3D Printing Technology.

Guest Editors

Dr. Szymon Skibicki

Dr. Marcin Hoffmann

Dr. Adam Zielinski

Deadline for manuscript submissions

closed (10 February 2024)



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Message from the Editor-in-Chief

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

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