Special Issue

Metal Additive Manufacturing Enabling Clean Energy Economy and Decarbonization

Message from the Guest Editor

Metal additive manufacturing (MAM) processes are increasingly being adopted as a group of advanced technologies enabling clean energy economy and carbon reduction. This Special Issue of the Applied Science welcomes articles that demonstrate this development trend and offer readers a body of knowledge for the further advancement of MAM processes for green economy. Not limited to these:

MAM processes for fabricating components and systems in order to advance clean energy technologies;
Case studies where MAM technologies are engaged for industrial decarbonization;
Applications of MAM technologies for carbon capture, utilization, and storage;
Current and/or projected trend of MAM technology advancement for promoting green economy;
Sustainability analysis of MAM processes;
Assessment of environmental impacts of MAM processes versus conventional manufacturing processes;
Life circle assessment of various MAM processes;
MAM technology advancement enabling circular economy.

Original work highlighting the latest research and technical advancement is highly encouraged; review articles and short communications with novelty are also welcome.

Guest Editor

Dr. Sheng-Hui Wang
Clean Energy Innovation Research Centre, National Research Council of Canada, 4250 Wesbrook Mall, Vancouver, BC V6T 1W5, Canada

Deadline for manuscript submissions

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

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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