

Special Issue

Sustainable Application of Advanced Material Surface Engineering

Message from the Guest Editors

Advanced material surface engineering technology is an important research frontier in the field of the sustainable development of high-end manufacturing industry. It is one of the most important ways to reduce carbon emissions and improve the sustainable application cycle of materials globally. It can effectively save energy and materials, significantly improve the durability of components, and significantly expand the use function. In the context of new development, surface engineering technologies, such as laser manufacturing, magnetron sputtering, chemical vapor deposition, and plasma spraying, continue to evolve and iterate. It is necessary to conduct in-depth research into the application effects and scientific significance of advanced material surface engineering technologies on different materials, as well as further promote the development of sustainable material technologies and theories represented by advanced material surface engineering technologies. The Special Issue's purpose is to promote the technological and theoretical development of advanced surface engineering technologies in sustainable applications, remanufacturing, and durability enhancement.

Guest Editors

Dr. Zhenyang Cai
Dr. Sainan Liu
Dr. Xiaojun Zhao

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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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