

Special Issue

Sustainable Bioinspired Functional Materials

Message from the Guest Editors

This Special Issue aims to provide an overview of the recent interdisciplinary work on sustainable bioinspired functional materials. In particular, we welcome papers that focus on the following areas: 1) The fundamental understanding of the design principles in natural materials and/or development of innovative materials for the built environment; 2) The advanced experimental and theoretical analyses of eco-friendly bioinspired functional materials in the modern manufacturing industry (e.g. additive manufacturing) with different applications; 3) The modeling of the mechanical response of sustainable bioinspired functional materials under complex loading conditions (e.g. multiaxial cyclic loading); 4) The monitoring of the effects of climate conditions on bioinspired functional materials with enhanced long-term adaptability and durability.

Keywords: sustainability; natural materials; bioinspired design; additive manufacturing; fatigue; damage tolerance; built environment; durability; LCA; climate conditions; environmental adaptive

Guest Editors

Dr. Chao Gao

Prof. Dr. Filippo Berto

Prof. Dr. Chiara Bertolin

Dr. Paolo Ferro

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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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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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