



## Sustainable Bioinspired Functional Materials

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Deadline for manuscript  
submissions:

**closed (30 June 2024)**

### 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





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## Message from the Editor-in-Chief

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