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Eco-Friendly and Environmentally Sustainable Materials

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Deadline for manuscript submissions:
closed (20 August 2022)

Message from the Guest Editors

Dear Colleagues,

Engineered materials are consistently pushing the boundaries of use by enhancing properties. Often, this comes at the cost of environmental sustainability. Many processes produce toxic waste or generate single-use material systems that cannot be easily repurposed. This Special Issue focuses on the development of material systems that are environmentally friendly either through naturally sourcing base materials or through development of recycling methods. Emphasis in this Special Issue will be placed on the characterization of such materials for practical use in structural and bio applications, along with thermal and electrical applications.

Papers on strategies for sustainably sourcing materials from natural or waste sources and development of functional materials for a range of applications are encouraged.

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Dr. Andrew C. Weems
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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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