Ecological and Sustainable Materials Connect

Editor-in-Chief
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Ecological and Sustainable Materials Connect

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Subject Categories

Sustainable Materials | Green Chemistry | Eco-friendly Materials

Target Audience

Ecological and Sustainable Materials Connect serves researchers, scientists, engineers, and industry professionals working on innovations in sustainable and eco-friendly materials. The journal covers applications in green manufacturing, renewable resources, circular economy approaches, and advanced ecological technologies.

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Message from EiC

The journal offers a scientific platform to advance developing more sustainable solutions and better sustainable design possibilities towards achieving enhanced sustainable societies and functional green bio-products for the near future. The journal encourages the submission of cutting edge original research outputs covering a broad spectrum of related engineering topics.

Aims and Scope

The journal offers a scientific platform focusing on the development of sustainable materials to be visible solutions for the designers and decision makers to be capable of attaining better sustainable design possibilities towards achieving better sustainable societies and functional green products for the near future. As the synergy between the structural integrity and the behavior of a sustainable material is vital for the design of green products, several characteristics of sustainable materials including physical, chemical, mechanical and electrical have to be considered form ecological and economic perspectives. The journal thus, encourages the submission of cutting-edge original research articles, and reviews covering a broad spectrum of related engineering topics.

Key Topics

Lignocellulosic Materials

Natural Fiber Composites

Polymeric Composites

Bioplastics and Biopolymers

Ecological Materials

Materials for Energy Saving/ Harvesting/ Storage

Antibacterial Packaging

Sustainable Materials for Functional Bio-products

Sustainable Materials for Electronics / Bio-sensors / Smart Wearables

Sustainable Building Materials

Materials Modeling

Materials Selection

Design for Circular Economy

Life Cycle Assessment

Artificial Intelligence in Sustainable Materials

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