

Special Issue

Composite Materials for Energy Management, Storage or Transportation

Message from the Guest Editor

We are in an era where advanced materials, particularly composites, are pushing the boundaries of conventional solutions and addressing global challenges. These materials offer unique properties and applications, significantly impacting various fields. Concurrently, the ongoing energy crises underscore the need for renewable sources like hydrogen, solar, and wind to achieve carbon neutrality by 2050.

Prioritizing green energy production, storage, and distribution is essential. Effective collaboration among the materials and energy sectors, as well as with industrial and academic institutions, is crucial for driving innovation and national growth. This aligns with the Materials 2030 Manifesto, which emphasizes a strong European Materials ecosystem for a green and inclusive society through systemic collaboration.

This Special Issue invites research articles or reviews on advanced composites that enhance performance, reduce costs, or improve sustainability for clean energy applications. We welcome contributions that address global energy challenges, including energy management, storage, and transportation.

Guest Editor

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Editor-in-Chief

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