

Special Issue

Cutting-Edge Research in Materials: Sustainability, Science and Practicality

Message from the Guest Editors

Current worldwide emergencies and many other challenging issues demands also emerging and innovative proposals on how to offer fresh, effective and inclusive solutions to problems for which there is little or no experience at all in the scientific community. In particular, novel materials are required for basically each current defiance, an opportunity for new synthesis approaches of materials, no to mention alternative energy generation and storage materials and systems. In addition to the specific challenges and opportunities for Materials Science and Engineering, in each one of their specialties, from synthesis to characterization, including metals, ceramics, polymers, hybrids and composites of all sorts, we are interested particularly on novel views and proposals not only of materials, but also of complete systems, as to offer a comprehensive, transdisciplinary approaches that include Physics, Chemistry, all types of Engineering. One of the main challenges is to translate fast enough the findings from the laboratory to the end consumer, for which we expect to include in this Special Issue innovative contributions from Translational Science and Implementation Theory.

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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.

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