Special Issue

Smart Sensing for Green Engineering: Technologies to Enhance Sustainable Design, Manufacturing and Recycling

Message from the Guest Editors

There is an increasing focus on the monitoring and enhancement of sustainability throughout the entire lifecycle of a product, from design to disposal. Traditionally, engineering has primarily concentrated on product performance, cost, and manufacturability, often not prioritizing product sustainability or end-of-life management. As governments, businesses, consumers, and the global community increasingly demand sustainability in all aspects of engineering design, there is a significant opportunity to perform meaningful research in this area. By creating new smart sensors and devices for the manufacturing and production industries, as well as in enhancing the end-of-life recycling of complex products, engineers can ensure that sustainability goals can be met and provide valuable insights to the industry to improve their processes. This Special Issue will provide an opportunity for engineers and scientists working in smart sensors and devices to publish both original research and review articles on technologies, advances, and novel applications in green engineering technologies.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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