

Special Issue

Advanced Smart Materials for Sensor Technology

Message from the Guest Editors

Sensors are an integrable part of modern technologies and thus very important for sustainability as they are the eyes of the control systems which keep all the processes running. All safety warnings are generated by sensing signals, which then are used to shut down uncontrollable devices or to readjust input parameters, so as to maintain our every day technological processes within acceptable safety limits. The modern trends in sensor technology are miniaturization due to size/weight restrictions, multi-parameter sensing, improved sensitivity, integration/embedding. These trends can only be realized with the use of new, advanced, smart materials utilizing both new and conventional research fields such as nanotechnology, large scale integration, flexible design, composite material synthesis, signal processing etc. The scope of the current issue is to bring all these edge research fields in one issue so as to serve as a reference for tomorrow's sensor technology. As new materials with fascinating properties are continuously developed, the current issue will enrich the up-to-date literature on sensing materials with the new advances.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2022)



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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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