

Special Issue

Sustainable Sensing Technologies

Message from the Guest Editors

Sustainable sensor technologies can effectively reduce the waste and footprint by using sustainable materials for sensor components, low-energy manufacturing, energy harvesting and regenerative strategies. This Special Issue aims to initiate a dialogue and invites authors to submit high-quality manuscripts reporting on advances in sustainable sensing technologies. The topics include, but are not limited to the following:

- Sustainable materials for sensor components, e.g., biodegradable materials for implantable sensors;
- Sustainable sensor packing and encapsulation with biodegradable materials;
- Ingestible sensors and compatible batteries;
- Self-powered sensors with eco-friendly energy harvesters;
- Green sensor manufacturing processes, e.g., using recycled and renewable feedstocks, and natural fibres—converted conductive electrodes;
- Sensor regeneration and recycling;
- Life-cycle assessment-driven materials selection and circular design strategies.

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About the Journal

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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