

Special Issue

Sustainable Sensor Systems for Remote Health Monitoring

Message from the Guest Editors

With an increasing elderly population and with an increased incidence of multiple chronic diseases, there is a growing need for more advanced sensor systems to monitor health conditions. The focus of this Special Issue is on “Sustainable Sensor Systems for Remote Health Monitoring”. Distributing autonomous low-power sensing nodes can be useful to monitor the health state condition of both fragile and healthy people.

Physiological parameters such as heart rate, respiratory rate, motion, daily life activities, and specific compound concentration can be tracked. Sensor networks allow monitoring the population of a specific area and eventually correlate it to the environmental influence. Predictive and personalized healthcare approaches encourage early detection and prevention of health conditions in subject deterioration. Topics of interest include biomedical sensor technology and health applications, Internet of Things, embedded systems, but also power management, energy harvesting, and low power systems.

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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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