

Special Issue

Applications of Sensor Technology to Agri-Food Systems

Message from the Guest Editors

Data acquisition and associated means of automatic or semiautomatic identification are key sensor considerations in seeking effective solutions for resource use efficiency and food loss reduction within primary production and post-harvest handling of agricultural products along supply chains. This is of great importance to support the digital transformation of agri-food systems, leading to the reduction of food loss on farm and the optimal use of production inputs. In order to exploit these results, authoritative studies associated with food production, harvesting, and postharvest handling practices are still needed to support the development and implementation of new solutions and best practices. This Special Issue will capture recent developments related to novel sensors and their proven or potential applications in the agri-food sector spanning fundamental scientific concepts, pilot use, and commercial sensing systems.

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