

Special Issue

Innovations in Biosystems Engineering for Sustainable Agriculture

Message from the Guest Editors

This Special Issue aims to seek high-quality research and review articles that present conceptual, methodological, technological, and applied advances in biosystems engineering, which will deliver scalable and resilient solutions that make agriculture more productive, resource-efficient, and environmentally sound. The scope encompasses the interdisciplinary nature of biosystems engineering, from the use of sensors, modelling, automation, and artificial intelligence to energy integration, machinery design, water-/soil-/nutrient-management systems, and post-harvest technology. Topics covered by the Special Issue include, but are not limited to, the following:

- Modern farming and cropping systems;
- Land and water use and environment;
- Biosystems engineering;
- Automation and emerging technologies;
- Precision agriculture and precision farming;
- Bioenergy and non-food production;
- Crop production;
- Processing and post-harvest technology and logistics.

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