

Special Issue

Advances in Agricultural Engineering Technologies and Application

Message from the Guest Editors

Dear Colleagues Technology adaptation in the agriculture sector is crucial to ensure food security and poverty alleviation which are the primary themes of the UN-SDGs. Researchers and engineers are expected to address various challenges toward introducing innovative techniques, frameworks, and instruments, by which sustainable agriculture and food security can be satisfied. Worldwide, agricultural mechanization and modernization can be attained with advancements in agricultural engineering technologies and associated applications. Such advances are needed in the 21st century, particularly from the viewpoint of the agricultural water–energy–food security nexus. This Special Issue will comprise original research, reviews, and case studies outlining recent progress in agricultural automation and robotics; precision agriculture; high-efficiency irrigation systems; farm energy systems; storage, and processing of agricultural products; livestock and poultry sheds; wastewater management; biomass, biogas, and biochar; remote sensing and geographical studies.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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