



## Advances in Agricultural Engineering Technologies and Application

Guest Editors:

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**Dr. Muhammad Farooq**

Deadline for manuscript  
submissions:

**closed (25 April 2023)**

### 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.

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## Message from the Editor-in-Chief

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