Special Issue

Recent Trends in Modern Agricultural Industrialized Technology Systems

Message from the Guest Editor

The adaptation of modern industrial technologies in the agricultural environment is essential to enhancing high-quality food and poverty improvement strategies which are the primary sector of modern agricultural technology. Globally, agricultural mechanization and modernization of industrial technology can be attained with agricultural manufacturing tools and related systems. This kind of progress involves industrial developments in advanced tractors and robotic harvesters; 3D mapping and drone-based data precision agriculture; high-efficiency irrigation systems; crop sensors, GPS tracking systems, and farm energy systems; the handling, storage, packing, and processing of agricultural products; livestock and poultry sheds; waste-water management technology; and metrological data recorded instruments. Recent trends in modern industrial agricultural performances and their applications in the 21st century demonstrate the relationship between water management techniques, food production, and energy use. We welcome all types of articles, such as original research and reviews, dealing with modern agricultural technology from different research fields works.

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST
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