

Special Issue

Nanotechnology Applications in Agriculture System

Message from the Guest Editors

Nanotechnology is emerging to create innovations for the billion-dollar agricultural industry by providing potential solutions for key challenges threatening global food security. Advancement in nanotechnology represents opportunity for the development of more precise and effective tools for diagnosis and treatments in agricultural applications. The use of nanomaterials in the agriculture sector particularly aims to reduce applications of protection products, minimize nutrient losses in fertilization, and increase yields through optimized nutrient management.

The current special issue welcomes original research, reviews and opinion pieces covering all related topics including nanoparticle chemistry, understanding the role of nanoparticles for crop disease management, applications of nanomaterials in animal production, interaction of nanoparticles with the environment, risk assessment and regulatory evaluation of nanoparticle based agricultural products.

Guest Editors

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Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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