

Special Issue

Sustainable Farm Equipment for Field Management: Recent Trends and Future Perspectives

Message from the Guest Editors

Sustainable agriculture is an important guarantee to achieve stable and high grain yields and is also one of the most pressing challenges of modern agriculture. Sustainable farm equipment is an important means to improve agricultural production quality and production efficiency and realize sustainable agriculture. In addition, sustainable farm equipment incorporates these principles without the cultivation of more land and loss of unfarmed habitats and with increases in system performance that incur no net environmental cost. It is necessary to promote research and dissemination of results on sustainable farm equipment, specifically with regard to soil mulch, subsoiling, precision seeding and fertilization, smart spraying, water-saving irrigation, and efficient harvesting. This Special Issue focuses on the development and assessment of sustainable farm equipment for field management to construct a sustainable farm system. This Special Issue welcomes highly interdisciplinary quality studies from disparate research fields including agriculture, engineering design, calculation and modeling, environmentalism, soil protection, and even ergonomics and ecosystem management.

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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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