

Special Issue

Fertilization Strategies for Improving Fertilizer Use Efficiency

Message from the Guest Editors

Fertilizers and their technologies are essential inputs to support crop growth and maintain global food production. Conversely, overuse of fertilizers can lead to environmental problems, such as water pollution and greenhouse gas emissions, while also being costly for farmers. Best management practices (BMPs) for the sustainable and efficient use of fertilizers to maintain high crop yields and quality and to mitigate potential environmental issues are in an important scope of science. Several BMPs have been proposed to increase fertilizer use efficiency (FUE), including nutrient management planning, appropriate fertilizer application timing and rate, soil health management practices, precision fertilization, use of new fertilizer technologies and tools for monitoring soil and crop health, crop rotation, cover cropping, conservation tillage, agroforestry and intercropping, recycling nutrients and byproduct application, agricultural bioinputs. We kindly invite authors to submit original research or systematic reviews that address sustainable technologies and fertilization strategies to improve FUE in agriculture and promote healthier soil, food security.

Guest Editors

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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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