

Special Issue

Feature Papers in Ecosystem, Environment and Climate Change in Agriculture

Message from the Guest Editor

Nutrients cycling in farmlands has significant effects on global warming, water eutrophication as well as food security. It is important to clarify the nutrients cycling processes in farmlands, and to manage the nutrients for enhancing use efficiency, reducing losses to the environment, and improve soil health. This Special Issue, entitled "Feature Papers in Ecosystem, Environment and Climate Change in Agriculture", aims to publish high-quality papers that advance understanding of nutrient migration processes, mechanisms, their environmental impacts, and mitigation strategies for green production in farmlands. It focuses on the new mechanisms of nutrient cycling, responses of nutrient cycling to climate change, the measurements of nutrient migration fluxes under air–soil–water interface, prediction of nutrient losses using machine learning, and new techniques for managing nutrients cycling to reduce losses and improve soil health in farmlands. The Special Issue also welcomes critical reviews and syntheses of the current state of affairs and emerging themes in ecosystem, environment and climate change in agriculture.

Guest Editor

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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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