

Special Issue

New Challenges and Trends in Agri-Environmental Management: Accomplishment of Sustainable Development Goals

Message from the Guest Editor

Integrating precision agriculture techniques, such as remote sensing and data analytics, allows for more efficient resource management and minimizes environmental impact. Additionally, agroecological approaches emphasizing biodiversity conservation and regenerative practices are gaining traction. By mitigating environmental degradation, enhancing ecosystem services, and ensuring food security, agri-environmental management plays a pivotal role in advancing the SDGs. This Special Issue focuses on novel approaches in agri-environmental management that could significantly contribute to the accomplishment of the UN Sustainable Development Goals. Papers may include, but are not limited to, the following topics: recycling agricultural wastes and by-products; implementing water-efficient irrigation systems; reducing agricultural pollution; protecting water resources from contamination; mitigating greenhouse gas emissions from agriculture; promoting climate-resilient farming practices; promoting sustainable land use practices; and sustainable nutrient management. All kinds of articles, such as original research, opinions and reviews, are accepted.

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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