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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