

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

Dr. Péter Tamás Nagy

Department of Circular Economy and Environmental Technology,
Faculty of Agricultural and Food Sciences and Environmental Sciences,
University of Debrecen, 146B Böszörményi Str., 4032 Debrecen,
Hungary

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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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