

Special Issue

Agronomic Pathways for Mitigating the Negative Impacts of Agricultural Production and for Improving Food Security

Message from the Guest Editors

Agronomic approaches are an important part of the toolkit of initiatives, they can help achieve the UN's Sustainable Development Goals (SDGs) and contribute to the FAO-defined sustainable food system. Two main pathways are generally followed: i) precision (smart or digital) farming, advanced cropping systems and organic farming, the smart management of crop-livestock and crop-soil interactions (resulting in substantial savings on inputs), a reduction in farm-related GHG emissions, and improvements in yields and quality; and ii) the development and application of new genomic techniques, exploiting the potential of biotechnology. Considering the complexities and challenges posed by the cost-effective production of agricultural, aquacultural, and forestry commodities employing climate-smart practices, interdisciplinary research papers with a clear agronomic focus and applicability are invited to this Special Issue.

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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

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