

## Special Issue

# Sustainable Small Grain Cropping Systems: Circular Economy, Pollution Mitigation, and Farmer-Centric Innovation

### Message from the Guest Editors

Farmers' decision-making lies at the heart of global socio-economic and environmental resilience. With agricultural systems facing mounting pressures due to climate change, resource scarcity, and market volatility, innovative solutions are required to reconcile the agricultural anthropogenic triptych: demand (food security and market needs), the environment (ecological health), and cost-effectiveness (economic viability). Small grains—such as wheat, barley, oats, and rye—play a pivotal role in this balance. For this Special Issue, we welcome groundbreaking research that will advance sustainable small-grain cropping systems, fostering a transition from conventional practices to holistic, environmentally conscious strategies. We invite contributions that address the following themes:

- Climate-smart and low-input practices;
- Healthier products and ecosystems;
- Integration of the circular economy into cropping systems;
- Farmer-centric decision-making and technology;
- Genomic innovations to enhance ecological sustainability;
- Pollution mitigation and climate resilience.

### Guest Editors

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### Deadline for manuscript submissions

30 September 2025



## Agriculture

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## About the Journal

### 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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