

## Special Issue

# Rice Ecophysiology and Production: Yield, Quality and Sustainability

### Message from the Guest Editors

Rice serves as a staple food for approximately half of the global population. In light of a growing population and evolving consumer preferences, the rice industry faces the challenge of increasing grain production while ensuring better quality. Additionally, sustainable rice production necessitates efforts to enhance soil fertility and minimize environmental impact, including nutrient losses and greenhouse gas emissions. Therefore, the objective of this Special Issue is to gather the most recent research studies that explore the synergies and trade-offs among yield, quality, and sustainability in rice production. We cordially invite original research, reviews, and opinion articles for submission. The papers may encompass a wide range of topics, including (but not limited to) those that are committed to the following: Investigating the physiological mechanisms that drive high yield, improve grain quality, and ensure high resource use efficiency; Advancing crop and soil management techniques that simultaneously enhance yield, quality, and sustainability; Exploring carbon and nutrient cycling in rice ecosystems to minimize environmental impacts.

### Guest Editors

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### Deadline for manuscript submissions

closed (25 September 2024)



## 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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### Editor-in-Chief

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