

Special Issue

Innovative Hydroponic Systems for Sustainable Agriculture

Message from the Guest Editors

We are delighted to invite you to submit manuscripts for our upcoming Special Issue on hydroponic crop production. This Issue will explore the challenges and opportunities of maximizing nutrient and water use efficiency in hydroponic crop production, especially when using marginal water qualities. Efficient use of resources and sustainable management of low-quality water sources such as treated wastewater, nitrate-rich groundwater, or brackish water will contribute to expanding hydroponic cropping in regions where clean water is scarce. Moreover, this will limit the impacts on the aquatic environment and improve food security. We warmly welcome your contributions from a range of disciplines, including agriculture, engineering and environmental sciences, to showcase cutting-edge research and innovative solutions.

Guest Editors

Dr. Jörn Germer

Dr. Folkard Asch

Dr. Yongsheng Chen

Deadline for manuscript submissions

closed (31 July 2025)



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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.

Editor-in-Chief

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