



Irrigation Technologies and Strategies for Horticultural Crop Production

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Message from the Guest Editors

Water scarcity is a significant problem in many areas across the globe, and agriculture is the greatest division of water consumption. During the 20th century, water demand grew at twice the rate of population growth, and by 2025, \approx two-thirds of the world population is expected to be found in countries experiencing water-stress circumstances. Furthermore, climate change increases this risk by causing numerous harsh drought events or longer/drier seasons. Although a water deficit can harmfully affect agriculture and result in noteworthy economic losses, one of the most promising approaches might be reducing water supplies during certain stages of crop growth. Thus, water conservation practices in the production of irrigated crops are crucial when managing soil water status in soils.





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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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