

## Special Issue

# Sustainable Crop Production and Management: The Perspective of Controlled Environment Agriculture

### Message from the Guest Editors

In this Special Issue, we would like to offer a forum where researchers, scholars, and professionals in CEA can share opinions and research findings on the current and potential contributions of CEA to sustainable crop production and management. We welcome studies that feature state-of-the-art practices and technological advancements in areas such as LED lighting, agrivoltaics, hydroponics, aeroponics, nutrient management, sensor technologies, new crop development for CEA, environmental optimization, and their impacts on the nutrition, flavor, and quality of food crops and efficiency, productivity, profitability, and sustainability of crop production. Both research and review manuscripts will be welcome. The valuable discussion in this Special Issue will contribute to facilitating CEA development for sustainable crop production.

- aeroponics
- agrivoltaics
- controlled environment agriculture
- greenhouse production
- hydroponics
- indoor agriculture
- leafy greens
- LED lighting
- photobiology
- plant factory
- plant lighting

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### Guest Editors

Dr. Yujin Park  
Dr. Qingwu (William) Meng  
Prof. Dr. Erik Runkle

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### Deadline for manuscript submissions

closed (31 March 2023)



Sustainability

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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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# About the Journal

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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