

Special Issue

Minimizing Resource Input to Increase Sustainability in Production Horticulture

Message from the Guest Editors

Dear Colleagues: We would like to invite you to contribute to this Special Issue on Research in Soil Science and Greenhouse Production Under Controlled Environment Systems. Greenhouse production in controlled environments faces unique challenges, particularly in regard to sustainability of substrates and soils. With the overmining of peat, climate change, and supply chain issues, we must learn more about alternatives, and how substrates affect greenhouse or specialty crops. This includes factors that may affect greenhouse media, substrates, and soils. This SI will focus on these ongoing challenges and how they impact production in controlled environments. We invite original research papers and reviews that evaluate the potential of these problems to affect soil science and greenhouse production in controlled environments. The following topics are of particular interest for this SI: substrates and soil additives, water use efficiency, irrigation, technology to improve greenhouse or controlled environment systems, soils in controlled environments, biochar, substrate performance, plant physiology and production, and novel controlled environment production systems.

Guest Editors

Dr. Catherine R. Simpson

Department of Plant and Soil Science, Texas Tech University, Lubbock, TX 79409, USA

Dr. Shital Poudyal

Department of Plants, Soils & Climate, Utah State University, Logan, UT 84322, USA

Deadline for manuscript submissions

closed (1 December 2023)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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. *Sustainability* publishes original research articles, review 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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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