



Peri-Urban Agriculture, Water Security, and Sustainability

Guest Editors:

Prof. Dr. Basant Maheshwari

Western Sydney University

Dr. Dharmappa Hagare

School of Engineering, Western
Sydney University, Penrith, NSW
2751, Australia

**Prof. Dr. Ashantha
Goonetilleke**

Water and Environmental
Engineering, Queensland
University of Technology,
Brisbane, Australia

Deadline for manuscript
submissions:

closed (15 August 2021)

Message from the Guest Editors

Achieving and maintaining the sustainability, liveability and productivity of urban and peri-urban regions must address several key goals which include local water and food security, provision of adequate infrastructure, adaptation to new environments created by climate change, reduction in energy consumption and greenhouse gas emissions, provision of adequate water supply and safe use and disposal of urban wastewater and maintaining biodiversity and some level of farming. It is therefore important for policy makers, urban and peri-urban planners and municipal council managers to understand the current issues and challenges in order to develop appropriate contextual strategies and practices to cope with current and future pressures of urbanisation and peri-urban land-use changes.

In this Special Issue, we invite manuscripts on aspects of how urbanisation is impacting water availability and peri-urban food production and the importance of understanding hydrology, stormwater management, urban wetlands, climate change and socioeconomic issues and incorporating systemic thinking and different worldviews in creating liveable urban and peri-urban regions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi