

Special Issue

Sustainable Water Resource Management and Agricultural Production under Ongoing Environmental Changes

Message from the Guest Editor

As the world population keeps growing, food and freshwater demands are increasing, while agricultural land areas are becoming more limited, along with declining water resources, both in quality and quantity. In this context, it is critical to rethink the use of natural resources in a manner that minimizes environmental impacts while leveraging freshwater and food supplies. To achieve such a goal, strategies developed for water resource management and agricultural food production must take into consideration the ongoing environmental changes. Nonetheless, these changes are complex and need to be thoroughly understood to manage water resources and agricultural production in a sustainable manner. This Special Issue of Sustainability aims to capitalize on recent research advances and scientific knowledge aligning with the efficient use of water resources and agriculture sustainability. Submitted manuscripts may focus on one or more of the following research fields:

- Climate impact on agricultural production;
- Water resource management, including water quality/quantity modeling and remote sensing;
- Multiscale land-use-land-cover change studies.

Guest Editor

Dr. Clement D. D. Sohoulade

USDA-ARS Coastal Plains Soil, Water, and Plant Research Center,
Florence, SC, USA

Deadline for manuscript submissions

closed (26 March 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/52834

Sustainability
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. 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.

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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