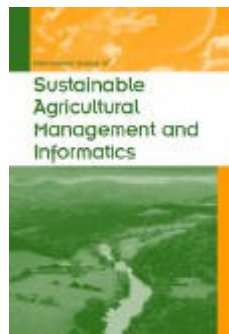


Call for Papers



Int. J. of Sustainable Agricultural Management and Informatics (IJSAMI)

SUSCOM-2019: Special Issue on: "Data Intelligence Techniques for Sustainable Agriculture"

Guest Editors:

Dr. Ramesh C. Poonia, Amity University, India

Dr. Basant Agarwal, Swami Keshvanand Institute of Technology Management & Gramothan, India

Prof. Dharm Singh Jat, Namibia University of Science and Technology, Namibia

Sustainable technologies have helped significantly in increasing agricultural productivity in recent times. Sustainable agriculture ensures food security by maintaining high quality and quantity of crop yields. In addition, it also contributes towards the economic growth of a country.

It is evident from the recent literature that crop yields can be considerably improved with the help of sustainable agricultural methodologies and modern techniques for the treatment and care of the crops. Sustainable agriculture requires efficient use of resources such as water and energy in order to increase agricultural productivity, and modern data intelligence techniques provide interesting insights into agricultural data that in turn help in utilising these resources efficiently.

Advancements in data intelligence techniques such as data modelling, data analytics, machine learning and artificial intelligence have been crucial for sustainable agriculture. The rapid evolution of machine learning and deep learning methodologies significantly contributes to and strengthens agricultural sustainability.

With this special issue, we invite original work focused on novel ideas, technologies and recent advancements in data intelligence techniques for sustainable agriculture.

The Guest Editors will be inviting substantially extended versions of selected papers presented at the [International Conference on Sustainable Computing in Science, Technology and Management \(SUSCOM-2019\)](#) for review and potential publication, but are also inviting other experts to submit articles for this call.

Subject Coverage

Suitable topics include, but are not limited, to the following:

- Sustainable computing
- Food security and water demand
- Smart farming technologies
- Optimal irrigation water management
- Agricultural engineering
- Agriculture and public health
- Climate change and smart agriculture
- Food security and food safety
- Environmental and sustainable agriculture
- Soil and crop protection
- Precision agriculture
- Internet of Things for sustainable agriculture
- Smart sensors, sensing mechanisms and platforms
- Big data in smart and sustainable agriculture
- Statistical learning for sustainable agriculture
- Data intelligence in smart grids
- Intelligent computational techniques in precision agriculture
- Bio-informatics systems for sustainable agriculture

Notes for Prospective Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. (N.B. Conference papers may only be submitted if the paper has been completely re-written and if appropriate written permissions have been obtained from any copyright holders of the original paper).

All papers are refereed through a peer review process.

All papers *must* be submitted online. To submit a paper, please read our [Submitting articles](#) page.

Important Dates

Manuscripts due by: *15 June, 2019*

Notification to authors: *15 August, 2019*

Final versions due by: *15 October, 2019*