Special Issue

CO_2 Technologies Applied to Agriculture and Biotechnology

Message from the Guest Editors

This special issue will include articles that analyze the CO2 technologies applied to the agronomy from the economic, environmental and social points of view. Particular consideration is given (but not limited) to empirical articles that analyze the contribution to the vegetable production of new applications in market price analysis, studies of costs, economic, environmental and social considerations, efficiency, circular economy, precision agriculture, smart farming, automation, sensor technology, nutrients and waste management, life cycle analysis, production, storage and/or consumption of CO2, renewable energy and bioenergy. Anyway, the use mathematical models and control approaches will be welcomed. Papers included in this Special Issue will address the following areas:

- Smart farming and precision agriculture
- CO2 storage, generation, uses, management and technologies
- Carbon cycle
- Life cycle analysis
- Cost Management
- On plant solutions
- On biotechnology solutions
- Automatic control
- Modelling
- Decision Support Systems, DSS
- Circular Economy
- Business models
- Renewable energy
- Residues management
- Waste management

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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.

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