



CO₂ Technologies Applied to Agriculture and Biotechnology

Guest Editors:

**Prof. Dr. Francisco Gabriel
Acién Fernández**

Department of Chemical
Engineering-CIESOL, University of
Almería, Almería, Spain

**Dr. Jorge Antonio Sánchez-
Molina**

System Engineering and
Automatic Control, Department
of Informatics, University of
Almería, 04120 Almería, Spain

Deadline for manuscript
submissions:

closed (15 September 2021)

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
- Residue management
- Waste management





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Editor-in-Chief

Prof. Dr. Peter Langridge

School of Agriculture, Food and
Wine, University of Adelaide,
Urrbrae, SA 5064, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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