



Renewable Energy in Agriculture

Guest Editors:

Prof. Dr. Joachim Müller

Institute of Agricultural
Engineering, University of
Hohenheim, 70593 Stuttgart,
Germany

Dr. Hans Oechsner

State Institute of Agricultural
Engineering and Bioenergy,
University of Hohenheim, D-
70599 Stuttgart, Germany

Deadline for manuscript
submissions:

closed (30 April 2020)

Message from the Guest Editors

Dear Colleagues,

Against the background of the discussion on climate change, renewable energies have experienced an enormous increase in public interest. In this context, agriculture plays a doubly important role: both as a consumer and as a provider of renewable energy. Rural areas in many regions are only sparsely supplied with energy networks, and the agricultural sector can benefit from easy access to (micro)hydropower; wind energy; solar energy; and, of course, bioenergy. In addition to meeting its own energy needs, agriculture can act as an energy supplier by producing biomass, biodiesel, bioethanol, and biogas. Public and private research funding has led to a considerable increase in research and development activities in this field. This Special Issue is intended to bring together the latest findings of the researchers in order to initiate new research based on the state of the art.

Prof. Dr. Joachim Müller

Dr. Hans Oechsner

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

Contact Us

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

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

mdpi.com/journal/applsci
applsci@mdpi.com
X@Applsci