

Special Issue

Agriculture Waste Biomass Production for Bioenergy and Bioproducts

Message from the Guest Editor

Fossil fuel use releases air pollutants and greenhouse gases responsible for air pollution and global climate change. In addition, they have negatively impacted the environment and biological systems. To fight these consequences, intensive measures are being taken globally to switch from fossil fuels to renewable bioenergies. Agriculture waste biomass, such as residues from crop products, food processing, waste materials from livestock, and agroforestry wastes, has enormous potential to produce various bioenergies and bioproducts. Biologically and thermochemically, biomass waste can be converted into alternative energy like bioethanol, biodiesel, biohydrogen, biogas, syngas, bio-oil, biochar, and many other valuable bio-products and chemicals. Bioenergy production from agricultural waste biomass is an eco-friendly alternative to fossil fuels. It is also helpful in achieving UN Sustainable Development Goals (SDGs) focus on the concerted global effort to assure access to affordable, reliable, sustainable energy for all.

Guest Editor

Dr. Shiv Prasad

Indian Agricultural Research Institute (ICAR), New Delhi, India

Deadline for manuscript submissions

closed (15 May 2023)



Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



mdpi.com/si/149925

Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)





Agriculture

an Open Access Journal
by MDPI

Impact Factor 3.6
CiteScore 6.3



[mdpi.com/journal/
agriculture](https://mdpi.com/journal/agriculture)



About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

Editor-in-Chief

Prof. Dr. Les Copeland
Sydney Institute of Agriculture, School of Life and Environmental
Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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), GEOBASE, PubAg, AGRIS, RePEc, and other databases.

Journal Rank:

JCR - Q1 (Agronomy) / CiteScore - Q1 (Plant Science)