

# Journal of Sustainable Bioenergy Systems



ISSN: 2165-400X



<https://www.scirp.org/journal/jsbs>

# Journal Editorial Board

ISSN Print: 2165-400X ISSN Online: 2165-4018

<https://www.scirp.org/journal/jsbs>

---

## Editor-in-Chief

**Dr. Lijun Wang** North Carolina Agricultural and Technical State University, USA

## Editorial Board

<b>Prof. John Abraham</b>	Kerala Agricultural University, India
<b>Prof. Kalyan Annamalai</b>	Texas A&M University, USA
<b>Dr. Yasar Demirel</b>	University of Nebraska Lincoln, USA
<b>Prof. Zhen Fang</b>	Nanjing Agricultural University, China
<b>Dr. Gal Hochman</b>	Rutgers University, USA
<b>Dr. Mingjie Jin</b>	Michigan State University, USA
<b>Dr. Arjun KC</b>	Government of Alberta, Canada
<b>Prof. Ramesh Chander Kuhad</b>	University of Delhi South Campus, India
<b>Dr. Ajay Kumar</b>	Oklahoma State University, USA
<b>Dr. Hanwu Lei</b>	Washington State University, USA
<b>Dr. Krishna Gopal Mandal</b>	Directorate of Water Management (ICAR), India
<b>Dr. Andrea Monti</b>	University of Bologna, Italy
<b>Dr. Aidyn Mouradov</b>	University Melbourne, Australia
<b>Dr. Ganti Suryanarayana Murthy</b>	Oregon State University, USA
<b>Dr. Bingyu Zhao</b>	Virginia Polytechnic Institute and State University, USA

# Table of Contents

**Volume 12    Number 3**

**September 2022**

**Modeling of Heat Transfers in Bioreactive Household Waste Storage Facilities:  
Spatial and Temporal Distributions**

K. D. D. Aoukou, K. N'wuitcha, K. Palm, M. Banna, B. Zeghmati.....37

# Journal of Sustainable Bioenergy Systems (JSBS)

## Journal Information

### SUBSCRIPTIONS

The *Journal of Sustainable Bioenergy Systems* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### **Subscription rates:**

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### SERVICES

#### **Advertisements**

Advertisement Sales Department, E-mail: [service@scirp.org](mailto:service@scirp.org)

#### **Reprints (minimum quantity 100 copies)**

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: [sub@scirp.org](mailto:sub@scirp.org)

### COPYRIGHT

#### **Copyright and reuse rights for the front matter of the journal:**

Copyright © 2022 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

#### **Copyright for individual papers of the journal:**

Copyright © 2022 by author(s) and Scientific Research Publishing Inc.

#### **Reuse rights for individual papers:**

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

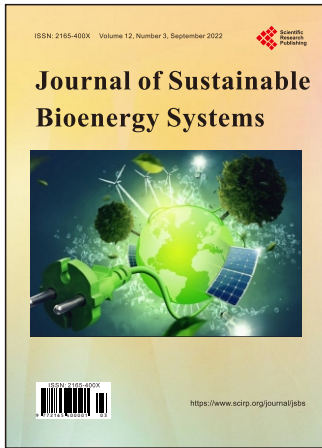
#### **Disclaimer of liability**

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

### PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: [jsbs@scirp.org](mailto:jsbs@scirp.org)



**Call for Papers**

# **Journal of Sustainable Bioenergy Systems**

**ISSN Print: 2165-400X    ISSN Online: 2165-4018**

**<https://www.scirp.org/journal/jsbs>**

Journal of Sustainable Bioenergy Systems (JSBS) is an international journal dedicated to the latest advancement of Sustainable Bioenergy Systems. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of Sustainable Bioenergy Systems. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Genetic engineering for the development of energy crops
- Modern computational tools for the bioenergy production systems
- Novel breeding and cropping technologies for the production of energy crops
- Sustainable availability and supply logistics of organic residues
- Sustainable bioenergy processing technologies
- Sustainable biomass production and supply logistics of energy crops
- Sustainable biorefinery systems

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

## **Website and E-Mail**

**<https://www.scirp.org/journal/jsbs>**

**E-mail: [jsbs@scirp.org](mailto:jsbs@scirp.org)**

## ***What is SCIRP?***

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

## ***What is Open Access?***

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



**Scientific  
Research  
Publishing**

**Website: <https://www.scirp.org>**

**Subscription: [sub@scirp.org](mailto:sub@scirp.org)**

**Advertisement: [service@scirp.org](mailto:service@scirp.org)**