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 Prof. Vincent Efevboknan, Covenant University, Nigeria  
 Prof. Lasode Muiyiwa, University of Ilorin, Nigeria  
 Prof. John Olorunmaiye, Grown-Hill University Ilorin, Nigeria  
 Prof. Imasogie Bengamin, Obafemi Awolowo University, Nigeria  
 Prof. Dare Adetan, Obafemi Awolowo University, Nigeria  
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 Dr. Daniel Uguru Okorie, Landmark University, Nigeria  
 Dr. Oluranti Agboola, Covenant University, Nigeria  
 Dr. Augustine Ayeni, Covenant University, Nigeria  
 Dr. Ayodeji Ayoola, Covenant University, Nigeria  
 Dr. Modupe Ojewumi, Covenant University, Nigeria  
 Dr. Oluwatosin Rotimi, Covenant University, Nigeria  
 Dr. Hope Orowode, Covenant University, Nigeria  
 Dr. Paul Awoyera, Covenant University, Nigeria  
 Dr. Isaac Akinwumi, Covenant University, Nigeria  
 Dr. Oluwarotimi Olofinnade, Covenant University, Nigeria  
 Dr. Oladeji Ige, Obafemi Awolowo University, Nigeria  
 Dr. Daniyan Ayodeji, Obafemi Awolowo University, Nigeria  
 Dr. Feyisayo Adam, America University of Nigeria, Adamawa, Nigeria  
 Dr. Dotun Bolade, America University of Nigeria, Adamawa, Nigeria



**International:**

Prof. Muiyiwa S. Adaramola, Norwegian University of Life Sciences, Norway  
 Prof. Michael Daramola, University of Pretoria, Johannesburg, South Africa  
 Prof. Gbadebo Owolabi, Howard University, USA  
 Prof Tunde Bello-Ochende, Cape Town University, South Africa  
 Dr. Andrew C. Eloka-Eboka, North-West University, South Africa  
 Prof. A.P.I Popoola, Tshwane University of Technology, South Africa  
 Prof. Olanrewaju Ojo, University of Manitoba, Canada  
 Dr. Thomas Malwela, Council for Scientific and Industrial Research, Pretoria, South Africa  
 Dr. Enoch Ogunmuyiwa, Botswana International University of Science and Technology, Botswana  
 Prof. William Kehinde Kupolati, Tshwane University of Technology, South Africa  
 Dr. Gbenga Johnson, University of Namibia, Namibia  
 Prof. Tunde Victor Ojumu, Cape Peninsula University of Technology, South Africa  
 Prof. Oluwaseun Oyekola, Cape Peninsula University of Technology, South Africa  
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 Dr. Babatunde Owolabi, Kyunpook National University, South Korea  
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**REGISTRATION**

Registration form can be downloaded from:  
<http://icesw2021.covenantuniversity.edu.ng>

**PUBLICITY**

**Dr. Phillip Babalola**  
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**ACCOMMODATION**

Room reservations can be made by contacting:  
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**Dr. Leramo Richard**, email: [richard.leramo@covenantuniversity.edu.ng](mailto:richard.leramo@covenantuniversity.edu.ng) or  
**Dr. Sunday Afolalu**, email: [sunday.afolalu@covenantuniversity.edu.ng](mailto:sunday.afolalu@covenantuniversity.edu.ng)

**IMPORTANT DATES**

- **JUNE 10, 2021**  
First round of abstracts/full papers submission
- **JULY 20, 2021**  
Notification of acceptance of abstracts/full papers
- **AUGUST 4, 2021**  
Second round of abstracts/full papers submission
- **AUGUST 23, 2021**  
Notification of acceptance of abstracts/full papers
- **SEPTEMBER 4, 2021**  
Final round of abstracts/full papers submission
- **SEPTEMBER 23, 2021**  
Final notification of acceptance of abstracts/full papers  
Maximum of two (2) Lead Author/Corresponding Authors  
Not more than three (3) papers for any collaborating Authors



**DEPARTMENT OF MECHANICAL ENGINEERING,**  
 College of Engineering,  
 Covenant University, Ota, Nigeria

**PRESENTS**



**International Conference on Engineering for a Sustainable World ICESW 2021**

*(PHYSICAL CONTACT AND VIRTUAL MODES)*

**Theme**

**ENGINEERING FOR A SUSTAINABLE WORLD**

**Date**

October 12-14, 2021

**Venue**

Centre for Entrepreneurial Studies  
 Covenant University, Cnaan Land,  
 Ota, Nigeria

<http://icesw2021.covenantuniversity.edu.ng>

<http://icesw2021.covenantuniversity.edu.ng>

# 5<sup>th</sup> International Conference on Engineering for a Sustainable World ICESW 2021

The Conference aims to bring together international experts, scholars, policymakers, industrialists, etc., to discuss contemporary and cutting-edge research in engineering management, innovation, energy development, and clean technology. This Conference will also provide a golden opportunity to meet experts and develop new collaborations on the fundamentals, applications, and products from various fields such as sustainable energy, sustainable cities, engineering innovations, clean technology/production, sustainable materials, engineering, mechatronics, renewable energy systems, etc.

The Conference Technical Sessions will be devoted to:

- Renewable Energy and Sustainability
- Engineering Innovations
- Sustainable Manufacturing Systems and Techniques
- Modelling and Simulations
- Clean Technology
- Local Contents in Manufacturing
- Chemistry and Physics of Material
- Sustainable Materials and Processing
- Engineering Policies and Education for Sustainable Development
- Mechatronics
- Thermal Engineering
- Sustainable Buildings and Cities
- Sustainable Product Design and Development
- Eco-Industrial Parks
- Industrial and Production Engineering

Roundtable discussions and breakout sessions will also facilitate open discussion on selected topics focused on sustainable engineering application.

## FULL PAPER (FOR PRESENTATION AND PUBLICATION)

All accepted full papers would be invited to give an oral presentation of the study and be published in the Conference's selected publication outlets.

## ABSTRACT (FOR PRESENTATION ONLY)

All accepted abstracts will be invited to give an oral presentation only. The abstracts will appear in the book of the abstract that will be compiled in CD.

Participants willing to present paper(s) at the Conference should submit abstract(s) of not more than 500 words in a word file and full-length paper(s) (for presentation and publication) to [icesw2021@covenantuniversity.edu.ng](mailto:icesw2021@covenantuniversity.edu.ng) or [imhade.okokpujie@covenantuniversity.edu.ng](mailto:imhade.okokpujie@covenantuniversity.edu.ng)

The conference proceedings will be published in the outlet below after a rigorous double blind peer-review process

- **Material Today: Proceedings**
- **AIP Conference Proceedings**

Some previous proceedings can be viewed in the website below;  
(ICESW 2019) <https://doi.org/10.1088/1742-6596/1378/1/011001>  
(ICESW 2020) <https://doi.org/10.1088/1757-899X/1107/1/011001>

Selected full-length manuscripts will be submitted to **Open Engineering Journal** under a Special Issue titled '**Sustainable Materials Production and Processes**'.

Each abstract must indicate clearly and precisely the significant points of interest, the novelty of the topic, and to which theme the paper is relevant (see sessions listed in the Aim & Scope paragraph).

In addition to the technical content, the abstract should contain the following information:

- Title of paper
- Theme (see technical sessions list in Aim & Scope)
- Name and affiliation of the author(s)
- Full contact details of the author, including mail, email, phone, and fax numbers

## ORGANIZATION

The Conference will include:

- Plenary and splinter or breakout sessions
- Poster sessions
- Roundtables and mini-workshops
- Technical exhibition (hardware, software)
- Local Contents in Manufacturing
- Undergraduate Students' Presentation/Competition Session

The working language is English.

## TECHNICAL EXHIBITION

An exhibition of hardware and software items is planned for the Conference. Interested organizations or individuals are invited to submit a request to display their hardware and software products during the Conference. The request should include a short description of the material to be displayed and its relevance to the conference themes and the table/floor/poster space required. Exhibitors are expected to register for the Conference.

## PROCEEDINGS

A book of abstracts will be distributed to all participants on the first day of the Conference. The proceedings of the Conference will be published on CD only, after the Conference. Authors will receive the 'Instructions to Authors' for the preparation of their manuscript (final paper) approximately one month before the Conference. These Instructions to Authors will also be made available on the conference website.

## CONFERENCE REGISTRATION FEE

PARTICIPANT TYPE	COST	OPENING DATE	CLOSING DATE
Local Participant (Early)	\$230	June 10, 2021	July 20, 2021
Regular (Local)	\$280	August 4, 2021	Sept 20, 2021
Students (Local)	\$170	June 10, 2021	NA
Government Agencies	\$350	June 10, 2021	NA
Companies	\$350	June 10, 2021	NA
Foreign participant	\$350	August 4, 2021	Sept 20, 2021
Extra Paper	\$180		

## Payment Options:

Bank transfer in any of the following Bank Accounts:  
CLEARLY INDICATE "ICESW 2021" on the teller  
Local Currency (Naira) Foreign Currency (USD)

**Bank:** UBA

**Name:** Covenant University Mechanical Engineering, WELF.

**Account No:** 1019782857

**Domiciliary Account:** 3002181991 (UBA)

**Name:** Covenant University Mechanical Engineering, WELF.

**Sort Code:** 033173616

**SWIFT CODE:** UNAFNGLA

## CONFERENCE TECHNICAL/SCIENTIFIC COMMITTEE

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- Prof. Anthony Inegbenebor, Covenant University, Nigeria
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