

## CONFERENCE REGISTRATION FEE

PARTICIPANT TYPE	COST	CLOSING DATE
Early Bird	₦ 25,000.00	July 15, 2021
Regular	₦ 30,000.00	August 15, 2021
Foreign (Early Bird)	\$ 100.00	July 15, 2021
Foreign (Regular)	\$ 150.00	August 15, 2021
Publication Fee per Paper	\$ 100.00	-

## PAYMENT OPTIONS

Bank transfer to any of the following Bank Accounts:  
CLEARLY INDICATE "ICESE 2021" on the teller. Local  
Currency (Naira), Foreign Currency (USD)

**Bank: UBA** **Dollar Account: 3002588466**  
**Name: EMEG-ICESE** **Sort Code: 033173616**  
**Account No: 1021631248** **Swift Code: UNAFNGLA**

## CONFERENCE TECHNICAL/SCIENTIFIC COMMITTEE

### Local:

1. Prof. Akan B. Williams, Covenant University
2. Prof. David Omole, Covenant University
3. Prof. Uwalomwa Uwuigbe, Covenant University
4. Prof. Olujide A. Adekeye, Covenant University
5. Prof. Temidayo V. Omotosho, Covenant University
6. Prof. Conrad A. Omonhinmin, Covenant University
7. Prof. Kolawole Ajanaku, Covenant University
8. Prof Francis Idachaba, Covenant University
9. Prof. Philip Alege, Covenant University
10. Prof. Oyinkepreye Orodu, Covenant University
11. Prof. Anthony Adoghe, Covenant University
12. Prof. Christian Bolu, Covenant University
13. Prof. Evans Osabuohien, Covenant University
14. Prof. Eziyi O. Ibem, University of Nigeria, Nsukka
15. Prof. Samuel Ike, University of Benin
16. Prof. B.A. Adegboye, FUT Minna
17. Prof. Peter Onwualu African University of Sci. and Tech.
18. Prof. E.N.C. Okafor FUTO, Nigeria
19. Prof O.I Okoro MOUA, Umudike, Nigeria
20. Dr. Bola U.Akuru, University of Nigeria, Nsukka
21. Engr. Dr. Olabisi Peter Oluseyi, University of Lagos
22. Dr. Ayodeji Oke FUTA, Nigeria
23. Dr. Michael G. Oladokun, University of Uyo, Nigeria
24. Prof. Samuel Wara, Afe Babalola University, Ado-Ekiti

### International:

1. Prof Subhes Bhattacharyya University of Leicester, UK
2. Dr. Xiaoyi (Shawn) Mu CEPMLP, University of Dundee, UK
3. Prof. Fidelis Emuze Central University of Tech., South Africa
4. Dr. Bankole Awuzie Central University of Tech., South Africa

5. Dr Titus Kowefi KNUST, Ghana
6. Prof. Wellington Thwala University of Johannesburg, S/Africa
7. Prof. Clinton Aigbavboa University of Johannesburg, S/Africa
8. Prof. Esther Akinlabi University of Johannesburg, South/Africa
9. Dr. Olalekan Oshodi University of Johannesburg, South/Africa
10. Prof. Emmanuel Tanyi University of Buea, Cameroon
11. Prof. Raymond H. Ngouna St. Jerome University, Cameroun
12. A/Prof. Mbaka N. Eustace University of Bamenda, Cameroun
13. Mike N. Irechukwu University of Rwanda, Kigali, Rwanda
14. Prof. Edward Chikuni University of Zimbabwe, Harare, Zimbabwe
15. Prof. Michael Daramola University of Witwatersrand, S/Africa
16. Dr. Patrick Mukumba, University of Fort-Hare, S/Africa

## CONFERENCE CONTACTS

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<https://icese.covenantuniversity.edu.ng>

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**THE** WORLD UNIVERSITY RANKINGS  
2020 TOP 500

Covenant University,  
OTA, NIGERIA

*Presents*

## 3<sup>rd</sup> International Conference on Energy and Sustainable Environment

ICESE  
2021

Theme:

*Inclusive and Innovative Solutions for Sustainable Development*

**DATE**

October 19-21, 2021

**VENUE**

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



# 3<sup>rd</sup> International Conference on Energy and Sustainable Environment ICESE 2021

The following group and clusters of Covenant University, jointly present the 3<sup>rd</sup> International Conference on Energy and Sustainable Environment (ICESE 2021):

- Centre for Economic Policy and Development Research (CEPDeR)
- Energy & Environment Research Cluster (EERC)
- Renewable Energy Research Cluster (RERC)
- Built Environment Research Cluster (BERC)
- Biotechnology Research Cluster (BRC)

## AIM AND SCOPE

The aim of the conference is to bring together local and international experts, researchers, scholars, policy makers, industrialists, etc in various fields of energy and environment related principles to present their findings. It will also create opportunities for the display of products, applications and research collaboration.

**Conference Technical Sessions will be along the following Sub-themes:**

### Sub-theme A: Environment – Climate Change

1. Environmental Pollution, Law and Policy
2. Climate Change Adaptation/Mitigation
3. Sustainable Development
4. Carbon dioxide and Greenhouse Gas Mitigation
5. Energy Harvesting and Sustainable Environment
6. Impact of Renewable Energy on Women and Children
7. Renewable Energy and Youth Empowerment
8. Renewable Energy Education

### Sub-theme B: Energy

1. Conventional Fuels (Oil, Gas, Coal and Lignite)
2. Biofuels and Bioenergy
3. Energy Efficiency and Conservation
4. Sustainable National Energy Growth
5. Small-Scale Renewable Energy
6. Renewable Energy and Photonics
7. Solar Energy Technologies (Solar Thermal and PV)
8. Waste to Energy
9. Tidal Energy
10. Ground Thermal Storage and Geothermal Energy
11. Fuel Cells, Hydrogen Generation
12. Energy System Modeling
13. Hybrid Energy Systems
14. Wind Energy
15. Smart Grids
16. Clean Technology

17. Off-Grid Renewable Energy and Green Economy
18. Renewable Energy and Information Technology
19. Energy Storage Systems and Technologies

### Sub-theme C: Energy Management

1. Economics of Energy Systems
2. Payback of Energy Systems
3. Market Feasibility of Energy Systems
4. Energy and Cost Saving Potential
5. Trends: Past, Present, Future of Energy Generation in Developing Countries
6. Green Chemistry
7. Renewable Energy and Carbon Pricing
8. Green Agriculture and Food Security
9. Energy Markets, Pricing and Feed-in Tariffs
10. Energy Financing and Green Climate Fund
11. Sustainability Accounting
12. Environmental Reporting

### Sub-theme D: Built Environment

1. Sustainable Building Design
2. Eco-Design and Sustainable Cities
3. Sustainable Construction Technologies
4. Sustainable Building Materials
5. Energy Efficiency in Buildings
6. Urban Green Infrastructure
7. Sustainable Planning
8. Sustainable Urban Management
9. Education and Practice
10. Smart Cities
11. Inclusive Solutions for Sustainable Development

### Sub-theme E: Biotechnology

1. Biotechnology, Safe Environment & Impact Management
2. Sustainable, Renewable Energy and Biotechnology
3. Low Energy Input, Bio-Innovations, Biotechnology Processes and Products
4. Bioethics, Biosafety, Safe Products, Patent Laws and Advocacy
5. Bioresources: Biowastes, Bioelectronics and Bioenergy
6. ICT, Biotechnology, Emerging Agriculture and Environment
7. Green Growth Technology and Innovation

## FULL PAPER FOR PRESENTATION AND PUBLICATION

All authors of accepted full papers will be invited to give oral presentation and the papers will be published in the Conference selected publication outlets.

**NB:** Presentation of a paper is a pre-condition for publication. An author should not have more than two papers at the conference as first author.

## ABSTRACT (FOR PRESENTATION ONLY)

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

Participants will be expected to submit abstract(s) of not more than 300 words in word file and full length paper(s) to [icese@covenantuniversity.edu.ng](mailto:icese@covenantuniversity.edu.ng)

Each abstract must indicate the theme to which the paper is relevant as listed under Aim & Scope. It should be original and contain the following: introduction, methodology, results (or expected results) and conclusion. Abstract should consist of the following:

- Title of the paper
- Theme (as listed under Aim & Scope)
- Name and affiliation of author(s)
- Full address, email, phone and fax of author

**Conference Mode: Virtual and In-person**

The Conference proceeding will be published in IOP Conference Series: Earth and Environmental Sciences (Scopus/ISI Indexed) after rigorous double-blind peer review process.

Link to ICESE 2019 Proceedings: <https://iopscience.iop.org/1755-1315/331/1>

Link to ICESE 2020 Proceedings: <https://iopscience.iop.org/issue/1755-1315/665/1>

**The conference working language is English.**

## ORGANIZATION

The Conference will include:

- Plenary and concurrent sessions
- Poster sessions
- Roundtables and mini-workshops
- Technical exhibition (Hardware and software)

## PUBLICATION POLICY

Papers submitted to the 3<sup>rd</sup> International Conference on Energy and Sustainable Environment (ICESE) must comply with internationally-accepted standards for research practice and reporting, including data management, figure preparation, reproducibility, and reporting guidelines.

All papers submitted to the conference are expected to be within 15% similarity check. All decisions shall be based upon the outcome of the peer-review process. Before submission, it is expected that authors obtain necessary permission for any part of their works.

The conference publication committee reserves the right to withdraw any paper that does not meet with international standards. Issues discovered after publication will be addressed which may lead to a correction, retraction, or expression of concern. Editorial committee also reserves the right to contact authors' institutions as appropriate.

## IMPORTANT DATES

**JULY 15, 2021:** First round of abstracts/full papers submission

**JULY 31, 2021:** Notification of abstracts acceptance

**AUGUST 15, 2021:** Second round of abstracts/full paper submission

**AUGUST 31, 2021:** Acceptance of second round of abstracts/full papers

**SEPTEMBER 15, 2021:** Final full paper acceptance