

## International Conference on Energy and Sustainable Environment ICESE 2020

Theme

### GREEN AND INNOVATIVE ENERGY SOLUTIONS FOR SUSTAINABLE DEVELOPMENT

Date

June 23-25, 2020

Venue

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

The following group and clusters of Covenant University, jointly present the International Conference on Energy and Sustainable Environment (ICESE 2020):

- Energy, Meteorology & Environment Group (EMEG), Covenant University;
- Centre for Economic Policy and Development Research (CEPDeR), Covenant University;
- Renewable Energy Research Cluster (RERC), Covenant University;
- Built Environment Research Cluster (BERC), Covenant University.

#### 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:

#### 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

#### Theme B: Energy

1. Conventional fuels (oil, gas, coal, 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

#### 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

#### 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

#### 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.

#### 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 [icese2020@covenantuniversity.edu.ng](mailto:icese2020@covenantuniversity.edu.ng) and copy [emeg@covenantuniversity.edu.ng](mailto:emeg@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

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>

The working language is English

#### ORGANIZATION

The Conference will include:

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

#### PUBLICATION POLICY

Papers submitted to 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.

#### TECHNICAL EXHIBITION

An exhibition of hardware and software items is planned for the conference. Interested organizations or individuals are invited to submit a request for permission to display their products. The request should include a short description of the material and its relevance to the conference theme. Exhibitor are expected to register for the conference.

#### IMPORTANT DATES

**FEBRUARY 28, 2020:** First round of abstracts/full papers submission

**MARCH 21, 2020:** Notification of abstracts acceptance

**MARCH 31, 2020:** Second round of abstracts/full paper submission

**APRIL 21, 2020:** Acceptance of second round of abstracts/full papers

**MAY 21, 2020:** Final full paper acceptance

#### CONFERENCE REGISTRATION FEE

PARTICIPANT TYPE	COST	CLOSING DATE
Early Bird	₦ 45,000.00	March 31, 2020
Regular	₦ 50,000.00	May 31, 2020
Extra Paper	₦ 35,000.00	-
Foreign (Early Bird)	\$ 300.00	March 31, 2020
Foreign Participant (Regular)	\$ 350.00	
Extra Paper	\$ 100.00	-

#### PAYMENT OPTION

Bank transfer to any of the following Bank Accounts: CLEARLY INDICATE "ICESE 2020" 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 CONTACTS

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