



**2018 INTERNATIONAL
CONFERENCE**
UNIVERSITY OF LAGOS, LAGOS, NIGERIA.

**Faculty of Environmental Sciences
University of Lagos, Lagos, Nigeria**

2018 INTERNATIONAL CONFERENCE

Date: 24 – 26 July, 2018

Venue: Julius Berger Lecture Theatre, University of Lagos, Akoka, Lagos, Nigeria

Call for Papers

Currently, Africa is the least urbanised region of the world, with only about 40% of the people in urban settlements. It is, however, considered to be the continent with the fastest rate of urbanization and last frontier of development. In the next few decades, the population of the African continent is expected to grow to 2.4 billion people, with most of the population increase expected to occur in the cities. As cities are increasing both in size and population, the pressure to address the challenges are becoming more daunting. These challenges include inefficiency and inadequacy, as manifested in: urban sprawl, high incidence of informality, social inclusion, slums and poverty, lack of basic services and infrastructure, dysfunctional land and housing delivery, pollution, environmental degradation, underdeveloped manufacturing sector, unsustainable production and consumption pattern, and inefficient transport systems. The need to overcome these challenges is expressed in the Africa 2063 Urban Agenda – an integrated, prosperous and peaceful Africa. A major development gaining prominence in the global urban development discourse is the application of smart city initiative, which aims at leveraging on ICT solutions to enhance efficiency and productivity of cities. Normatively, a ‘smart city’ is a city that balances investments in human and social capital, traditional (transport) and modern (ICT) communication infrastructure, as well as energy, sustainable economic development, high quality of life, and efficient management of natural resources, through participatory action and engagement.

Most of the research on smart city concept have largely focus on the developed and emerging countries. Not much has been done to explore contributions of the built-environment application of the smart city concept in Africa, despite that it is gaining prominence in the development agendas of many cities in Africa as exemplified by cities like Lagos, Abuja, Calabar, Accra, Nairobi, Kigali, Johannesburg, Cairo and Cape Town.

Smart city, as a concept, has both negative and positive connotations. Smart city discourse in the African context has therefore, progressed controversially between the proponents and the critics. On the one hand, smart city is being promoted as an initiative to modernise the built-environment as a better place to live, work and do business. On the other hand, it predicted that the agenda is capable of widening the existing exclusion, marginalisation and spatial economic inequality. Hence this conference which is approximately themed "Africa Smart City Agenda" will unravel the following critical questions among others : Is smart city agenda part of the solutions or part of the problems of African urban development agenda? In the context of the current socio-economic realities, challenges and opportunities how should African smart city agenda be conceptualised, designed, created, financed, implemented and managed? How can institutions, policies and governance mechanisms promote the development of inclusive, sustainable and resilient smart cities?

Against this background, the Faculty of Environmental Sciences (FES), University of Lagos, Nigeria, 2018 Conference invites abstracts on smart city initiatives to be considered for panels and technical sessions, round-table and workshops from researchers, professionals, urban managers and policy actors across disciplines on smart city initiatives.

The FES Conference 2018 recognises the multidisciplinary nature of smart city debate and as such the sub-themes of the conference include:

- Conceptualising the African Smart City Agenda.
- Co-producing the African Smart City Agenda.
- Spatial Data Infrastructure for Smart Cities.
- Information Systems for Smart Cities.
- Internet of Things, Open Data and Big Data Analysis in Smart Cities.
- Smart and Green Architecture.
- Smart Urban Planning.
- Smart Construction Systems.
- Smart Real Estate and City Competitiveness.
- Sustainable Facilities Management.
- Smart Urban Land Governance.
- Construction Economy of Smart City.
- Sustainable and Resilient Africa Smart City.
- Smart Urban Agriculture and Green Economy.
- Renewable Energy and Smart Grid.
- Smart Consumption and Circular City.
- Intelligent Mobility.
- Smart Citizen and Governance.
- Managing Smart City Initiatives.
- Smart Service Delivery.
- Smart Security and Emergency Response.
- Smart City Initiatives.
- Smart City Pedagogy

Abstracts Submission Guideline

Abstracts should include a 300-word abstract, title of abstract and full name(s), title, affiliation, email and phone contacts of the author(s). Abstract should be sent through email to fesconference2018@gmail.com. Papers presented at the conference will be considered for publication in a book of reading, the Lagos Journal of Environmental Studies and other departmental journals in the Faculty of Environmental Sciences, University of Lagos.

Special Programmes for Students

- **Postgraduate Research Workshop.**
- **Professional Practice Workshop.**
- **Academic and Professional Networking**

Key Dates:

Abstract Due Date: March 15, 2018

Notification of Acceptance of Abstract: May 30, 2018

Registration: Start April 1 to June 30, 2018

Submission of Full Paper Due Date: June 30, 2018

Conference Registration:

Local Participants: ₦30,000

International Participants: \$100

Students Registration - Postgraduates: ₦10,000

- Undergraduates: ₦ 3,000

Professor Toyin Ogundipe

Vice Chancellor

Chief Host

Professor Mike Adebamowo

Dean, Faculty of Environmental Sciences

Host

Professor Leke Oduwaye

Chair LOC

+234(0)8059986906

Dr. Oluwafemi Olajide

Secretary LOC

+234(0)8181140234