

African Journal of Built Environment Research

Volume 1
Issue 1
August 2016

ISSN 2414-0236



EDITORIAL

We are delighted to publish this first edition of the African Journal of Built Environment Research (AJOPER) which is affiliated with the West Africa Built Environment Research (WABER) Conference.

The plan to publish this journal has been in the pipeline for a long time and we are happy to have finally realised the dream. It is our hope that this journal will develop into a primary outlet for publication of important research findings from built environment academics in African institutions. The journal will be published twice a year initially.

The aim of the African Journal of Built Environment Research is to publish quality papers that advance our scientific understanding of built environment issues in African countries. These include, but not limited to, papers relating to the disciplines of architecture, building technology, construction management and engineering, construction science, estate management / real estate and property management, quantity surveying and construction economics, and urban and regional planning. The aim of the journal is therefore to provide a regional outlet for publication of research papers that advance our scientific understanding of built environment issues in African countries.

This edition of the Journal has a collection of four research papers from Nigeria and Ghana that discuss the contribution of quantity surveying professions to the development of a sustainable construction industry, climate change, alternative energy sources as well as the competency of local companies.

In the first paper which presents a comparative analysis of contributions of building and quantity surveying professions towards the development of sustainable construction industry in Nigeria, Anosike *et al.* examine the contribution of these professional bodies to meeting the sustainable development goal of the construction industry in Nigeria.

Climate change is a major topic for discussion worldwide. While the built environment focuses on how to build more sustainable infrastructure that impacts the environment, there is also a need to identify and understand the effects of climate change on the current infrastructure and use this knowledge to inform the building of future infrastructure. In the second paper on the effects of climate change on commercial properties in Lagos State, Nigeria, Oladokun identifies and examines climate change effects and suggest ways to address adaptation of the built environment to climate change.

Alternative energy sources have long been a source of debate in terms of green energy and finding ways to providing energy while protecting the environment. In Africa this is an especially important area due to the struggle government face in providing enough energy to satisfy demand and therefore need to find alternative sustainable sources of energy to satisfy this demand. The third paper by Amaka-Otchere is on energy access and rural development in Ghana. The author examines alternative energy sources in Ghana, specifically in the Northern region of Ghana where the need is much greater.

One feature of the construction industry in African countries is that foreign companies tend to be given major government infrastructure projects. The fourth paper on project management competencies of indigenous contractors in Nigeria focuses on the role of the construction industry in economic development in Nigeria and the project management competencies indigenous contractors require in order to compete with their foreign counterparts.

We would like to thank the authors for their research papers that we are delighted to publish in this first edition of the African Journal of Built Environment Research.

Samuel Laryea and Eziyi Ibem (Editors)

PAPERS IN THIS ISSUE

- ☺ **Comparative analysis of contributions of building and quantity surveying professions towards the development of sustainable construction industry in Nigeria – Anosike, Nwabueze M., Enenmoh, Chike R., Nkeleme, Emmanuel and Mosaku, Timothy O.**
- ☺ **Effects of climate change on commercial properties in Lagos State, Nigeria – Oladokun Timothy Tunde**
- ☺ **Energy access and rural development in Ghana: prospects for decentralised energy and appropriate technology options – Amaka-Otchere, Akosua B. K.**
- ☺ **Project management competencies of indigenous contractors in Nigeria – Tunji-Olayeni, Patience F., Mosaku, Timothy O., Fagbenle, Olabosipo I. and Amusan, Lekan M.**

ISSN 2414-0236



9 772414 023609