

3. Antonia Joseph, Emmanuel Moshood, Oladipo Dare Abel, Eziyi Ibem, Woyengitari Agha Okereke, Obioha Uwakonye, Moyosore Oyeyiola (2017). Students Perception of the use of Building Information Modelling (BIM) for Sustainable Architecture Designs in 9th annual International Conference on Education and New Learning Technologies) July 2017 Barcelona Spain

ABSTRACT

As the world becomes more digitally advanced, Building Information Modeling (BIM) comes into play as a tool to be used in achieving Sustainable Architecture designs. This paper seeks to evaluate students' perception of the use of Building Information Modeling (BIM) in the area of achieving Sustainable architecture designs in Nigeria. For this purpose, a survey was conducted in schools of Architecture; in Covenant University, a leading private university in Nigeria and in the University of Lagos, a prominent Federal University in Nigeria. The results revealed that only few Building Information Modeling (BIM) software were known by students. However, most of the use was restricted to architectural design activities like drafting and 3D visualization with very few students who were aware of how useful Building Information Modeling (BIM) is in achieving Sustainable Architecture designs. It was recommended that more attention be given to the digital education of architecture students to encourage the use of Building Information Modeling (BIM) to achieve Sustainable architecture design.

keywords: building information modeling (BIM), sustainable architecture design.