ABSTRACT: Over the last 10 years, the incidence of building collapse in Nigeria has become so alarming and does not show any sign of abating. Each collapse carries along with it tremendous effects that cannot be easily forgotten by any of its victim. These include loss of human lives, economic wastage in terms of loss of properties, jobs, incomes, loss of trust, dignity and exasperation of crises among the stake holders and environmental disaster. It can be rightly said that any pursuit of human endeavor has its cost, but the cost being paid in the Nigerian building industry cannot be justified. The fact that Nigeria is undergoing a tremendous transformation in the built environment cannot be over emphasized. This is in line with the growth that is being experience in the infrastructural and building industries all over the world for the effects of technological breakthroughs and consequently the ICT flattened world.

But experiencing negative trends in the Nigerian building industries while other parts of the world are experiencing total improvements brings to fore the need to come out boldly and confront this ugly situation. The world today is facing a lot of other more serious man-made and natural crises such as global climate change which requires greater preparedness than the level on which we are standing today. For these facts, this paper addresses the impacts of building collapse on Nigerian strive for sustainable developmental. Probabilistic model of the linear regression analysis was used to establish the trend of heights and casualties. The results of this research will go a long way in reducing the building collapse phenomenon and the
implications on the efforts of the nation to achieve the Millennium Developmental Goals (MDGs) and the Vision 20-2020.