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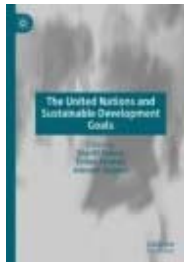
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Evaluation of Drivers and Barriers to Vertical Architecture Construction for Public Housing Delivery in Lagos Megacity

- [Adedeji Afolabi](#) &
- [Rapheal Ojelabi](#)
- Chapter
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Abstract

From a population of over 16 million, the people of Lagos State is expected to grow to 32.6 million citizens by 2050. Considering that its landmass remains relatively constant at 3577 Km², there is an urgent need to innovate in the public housing. This study was aimed at evaluating the drivers and barriers to vertical architecture construction for public housing delivery in Lagos megacity. The study utilized a cross-sectional survey research design using a questionnaire instrument. A total of 150 construction professionals were selected using a quota-purposive sampling technique within Lagos megacity. Statistical tools of mean score tests, principal component analysis (PCA), and categorical regression (CAT-REG) were utilized. Significant drivers and barriers of vertical architecture construction in public housing delivery in Lagos megacity were identified. Therefore, the study made several recommendations toward actualization of vertical architecture construction for public housing delivery.

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