

An Analysis of Spatial Variation of Housing Quality in Nigeria Urban Centres: The GIS Approach

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SUMMARY

The impact of urbanization and its attendant consequences of gross inequalities in terms of housing quality, proliferation of slums areas, squatters and general deterioration manifest in form of poor environmental and health condition of the people. This has become a major concern of policy issues, particularly in third world nations. This paper focuses attention on the quality of housing and its associated problems in the three residential density areas in Osogbo, in the South Western part of Nigeria. Using Geographic Information System (GIS), the township representative base map will be converted into digital format.

Also 432 buildings will be selected for sampling in the three residential densities. Issues of housing components, infrastructural facilities, typologies, use and household size will be used as attributes to form the database. The result of the study will be displayed on thematic maps, using the already created database. It is expected that the study will come out with concise variations that exist in housing quality in the three residential density areas, which may likely represent the pattern of housing quality in other urban centres in Nigeria.

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