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Key words: Land distribution, Spatial planning, Sprawl, Suburban, GIS and Remote Sensing, Development

SUMMARY

The case studies, Gidan Kwano and Gidan Mangoro are gradually transforming into sprawl which could be as a result of the location of National Examination Council head office, Federal University of Technology main campus, Maizube farm along the axis and other factors like constant electricity supply, major and escape route to the south west of the country and perhaps cheaper land. Staff and students quest for accommodation closer to their place of work and classroom is another factor, in other to meet up with this demand, the development in Gidan Kwano and Gidan Mangoro now metamorphosing into uncontrolled and leapfrog pattern. In view of the foregoing, the paper assessed the development pattern of the case study using remotely sensed and geographic information system technologies to ameliorate and prevent further occurrence of uncontrolled development to achieve a beautiful, safe and aesthetic living, working and playing environment for the inhabitant. Two sets of data will be used to achieve the set objectives, that is, primary data which contains the use of questionnaires and focus group while the secondary data will include satellite image of the case studies, literatures from books, journal, thesis and Internet.