

Software for Landuse Management: Modelling with GIS

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Key words:

ABSTRACT

Land use management has been a very important issue in the planning and maintenance of environmental and economic development of a geographic area. Therefore, there is a need for proper management and preservation of naturally existing land use type for sustainable development.

In this project, a Visual Basic programme was written to serve as: an interface for the charting script in ArcView Avenue, the Visual Basic also aids in the generation of the coordinate of vertices of land use demarcation as released in the government gazette.

For the purpose of analytical management, an ArcView programme was customized to do operations like union, intersection, merging and combination. All these operations are very important for effective spatial management of land use data.

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