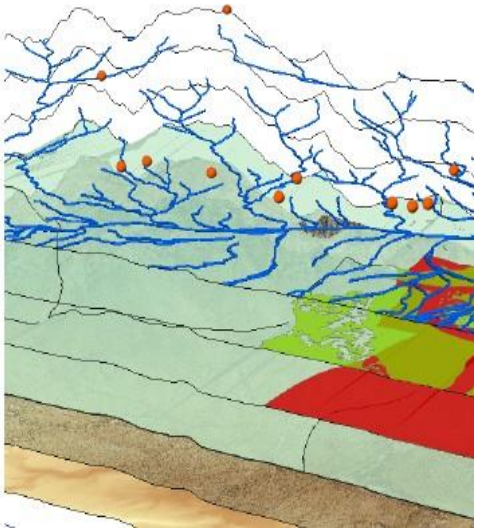
➢ Some important highlights

Unleashing the Untapped Potential of Geospatial Data

The Government Land Information System (GLIS) is a goldmine of geospatial data, providing invaluable information about land resources, ownership, boundaries, and land use. Unlocking this potential is our mission.



Introduction to the Government Land Information System(GLIS)

The GLIS is a comprehensive database that houses crucial geospatial data related to land resources, ownership, boundaries, and land use. It serves as the foundation for data-driven decision-making.

Let us see some research about GLIS and conclusion

Land management information system is a critical component of nation building. It is positioned to assist policy makers in making decisions that are evidenced based for effective physical planning and policy making. On the other hand, it also enables citizen's access land title information with ease. This review revealed that Nigeria is still far behind in this regard; some states of the federation have introduced a working automated land information management system in their relevant ministry, but delays in processing land title applications are predominant. Aside from delays in getting consents from the chief executive officer of the state or the designee, completing the documentation is still an issue that should be addressed with a functional system in place.

Additionally, land title registration procedure is still shrouded in secrecy in Nigeria and many citizens still lose their allotted plots due to the poor documentation system. Based on these findings, the study recommends the following:

Fourie (1999) looked at developing cadastre and land information systems for decision makers in the developing world. The study emphasized that African countries should design land information management systems without a cadastral layer due to the cost implications associated with putting up such a structure. He therefore recommended a national spatial framework solely for visualization.

Due to challenges such as cadastral maps problems and the insufficiency of paper maps and land registers, Ibraheem (2012) proposed the development of computerized land and geographic information systems (LIS/GIS). The system is poised on digital cadastral maps and digital cadastral data bases (DCDB). The methodology involved several phases which include data collection and conversion, LIS structure and analysis, and the assessment of the accuracy of the digital maps. The results showed that the developed system can present the structure and information content of the digital maps as well as its differences with analogue maps. This digital cadastral map can be the basis for additional thematic layers, successively converting it into a complex system for management of administrative units. Ibraheem developed a large-scale land information system (LIS) by using geographic information systems (GIS) and field surveying. His work portrayed the problems of analogue cadastral maps, observing that the existing cadastre which consists of paper maps and land registers was highly insufficient. He recommended the creation of a land information system and a digital map.

Empirical Review on Land Information Management Systems

In this review, we identified existing land information management systems that will at a glance display contributions made so far in this sector. However, since timely completion of activities involved are yet to be achieved with existing models especially in land registration; stakeholders still yearn for further improvement in the systems. It still takes weeks and months to secure approval from any government agency in Nigeria on land registration; an improvement on the system is imperative.

Introducing "**LandLens**" app as the Solution

"LandLens" is the game-changing platform that seamlessly integrates GLIS data with cutting-edge technology. It empowers users with advanced tools and insights for efficient land management, urban planning, and sustainable development.

Navigate the LandLens Journey

1 **Step 1: Seamless Integration**

Integrate LandLens with GLIS to unlock a treasure trove of geospatial data.

2 **Step 2: Data Exploration**

Explore interactive maps and AI-powered insights to make informed land management decisions.

3 **Step 3: Real-Time Collaboration**

Collaborate with stakeholders to ensure inclusive decision-making for sustainable development.

4 **Step 4: Sustainable Future**

Prioritize sustainability through real-time eco-impact assessments for a brighter future.

Discover the Power of Data Exploration

Seamless integration with GLIS

Uncover a trove of geospatial data, unlocking valuable insights for smart decision-making.

Dynamic maps and real-time insights

Explore interactive maps that provide real-time data and insights to guide your next move.


LandLens Benefits Different Stakeholders
Urban Planners
Simulate zoning changes, explore infrastructure options, and optimize city planning to enhance urban mobility and quality of life in cities.
Government Agencies
Identify ideal infrastructure locations, reduce environmental impact, and allocate resources wisely for sustainable and efficient development.
Policymakers
Utilize socio-economic analyses to make data-driven decisions, fostering inclusive development and targeted interventions.