Developing an interactive Web Map of Abia state Polytechnic Aba-Nigeria as a vehicle for Resource Inventory and sustainable Development

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SUMMARY

Web mapping and the use of geospatial information online have evolved rapidly over the past few decades. Almost everyone in the world uses mapping information, whether or not one realizes it. Almost every mobile phone now has location services and every event and object on the earth has a location. The use of this geospatial location data has expanded rapidly, thanks to the development of the Internet. Huge volumes of geospatial data are available and daily being captured online, and are used in web applications and maps for viewing, analysis, modeling and simulation. Interactive web map of Abia State Polytechnic, Aba was created to meet the global trend by capturing data, downloading Google imagery, Geo-referencing, digitizing and publishing the map to the web. The whole environment of web mapping captures the integration and interaction between three components found online, namely, geospatial information, people and functionality.This work is developed to harness the potentiality of geospatial technology in resource inventory and role of web mapping in sustainable development of Abia state polytechnic, Aba-Nigeria.