

The Geodetic Infrastructure Management via Web–Based Mapping Technology in Morocco

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Key words: Geoinformation/GI; Professional practice; Spatial planning; infrastructure; web mapping; spatial data

SUMMARY

The geodetic infrastructure is a backbone of spatial data related to various projects such as cartography, cadastre, territorial management, navigation, and urbanism. For many surveyors, the traditional ways of managing the geodetic infrastructure is time and cost consuming. The value of the web mapping technology is to illustrate for the professionals and customer the effective way on the quick dissemination and sharing of collected data. This paper has the goal to establish an analysis of the value of the web-based mapping technology in the improvement of the geodetic infrastructure for professionals in Morocco. A study of the current circumstances has been carried out to be aware of the real shortcoming that causes delays in many development projects. An online user friendly platform has been designed and developed to meet the new requirements in terms of spatial data integration, information sharing and dissemination, and metadata generating. The new solution will be discussed to assess the benefit of such product in the enhancement of the geodetic infrastructure management.