

Abstract

New Directions for Geospatial Information through the analysis of Korea's case.

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With developments in information technology (IT) and social communication, Geospatial Information (GI) came to take a sizable proportion of the new trends in the last decade as applying its function into those IT devices such as mobile application, LBS, open platform and big data in the society, which contributes to the trends of convergence based on geoinformation with other sectors globally not just the Republic of Korea. Namely, by reason of converging geospatial information market is developed based on IT, Geospatial Information is one of the essential factors.

Geospatial Information produces the significant effects on the future prediction for pending issues, value creation and contributes to the improvement of the quality of life.

Thus, it gives the future trends particularly focusing on GI by introducing the experience of Korea. It reviews business objectives, value and the constructed systems of NGIS projects of the republic of Korea that was planned every 5 year as four stages since 1995.

In particular, it needs to draw out the implications that can be applied the international community by sharing the case study on the stage 4 of NSDI, Korea.

As it is finished, the presenter proposes two key points; to begin with, global platform should be developed with various resources in an organized way in order to managing Geospatial Information systematically. Furthermore, it is proposed that the necessity of establishing an accurate global geoid model by integrating each height system of individual countries by setting up the standardized height systems on a global basis in order to take exact and appropriate action on the safety issues