

# **Development of a Unified Spatial Infrastructure Status Index for Developing Nations**

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## **SUMMARY**

This proposed research deals with the development of a unified spatial information infrastructure status index USISI that describes and evaluates the conditions of the spatial information infrastructure of developing nations. The proposed unified index takes the technological and socioeconomic factors into consideration. Included in the index is a vector that depicts many criteria for judgment. Among these criteria are the status of spatial reference frames, existence of maps, availability of spatial DB, quality of human resources, cultural awareness of the benefits of spatial information, cultural ability to reform, level of centralism, involvement level of non-governmental organizations, and pricing as well as financing policies. Each element of this index is explained and justified. At the end of the paper an example for two spatial infrastructure indices of two countries are illustrated.