Abstract

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**Building a Spatial Database for NGII in Nepal**
**Track:** Global and National Spatial Data Infrastructure
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In Nepal, the Survey Department is now in the process of transforming its traditional role of national surveying and mapping organization from paper maps production and sales to an NGII, i.e., developing a spatial database and building an infrastructure for sharing, dissemination, and utilization of spatial and socio-economic data and their metadata. Such a system generally requires heavy investment in terms of human, hardware, and software resources. Nepal initiated development of spatial database with relatively cheap resources using PC ArcInfo and ArcView. In less than three years, digitalization of all topographic basemaps has been completed. Using ArcInfo data formats as de facto data standards has made the basis for NGII in Nepal relatively inexpensive and practically less problematic. The Nepalese NGII vision and the contribution of ArcGIS in its inception is given.

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