Abstract

Local Level Planning of Service Infrastructure in Nepal Using GIS
Track: Sustainable Development and Humanitarian Affairs
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GIS is used as an important tool for location planning of service infrastructure in districts of Nepal. Here, an attempt is made to determine methodological steps for GIS analysis and its dissemination. Awareness of GIS for planning and decision-making has been made to the district level authorities through a series of trainings and workshops. A series of spatial thematic layers including geo-physical, social, economic, and administrative components for location planning of services has been made. The capability of GIS for analyzing location options for the services has been demonstrated. The documentation of both hardcopy layouts and digital forms is proved to be important to visualize the realistic situation and planning options.

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