

A Web-based Survey on Digital Elevation Models

Mandla V. Ravibabu, Kamal Jain

Geomatics Engineering Section, Department of Civil Engineering, Indian Institute of
Technology Roorkee, Roorkee-247667, U.A., India
E-mail: boonmdce@iitr.ernet.in

Abstract

In many earth and environmental science applications, DEMs serve as inputs for detailed spatial analyses, such as the determination of the extent of hydrographic networks, and the classification of terrain for suitability assessments such applications, appreciating the spatial accuracy of the DEM and its variability as a function of location can be critical. Accuracy is very important for any application and user should aware the important of DEM errors and accuracy. Present study, a survey on DEMs investigates how much importance DEM users giving for quality assessment and error analysis. The information provided in this document is based on survey responses received since last 6 months. DEM users from various countries, organizations and industries participated in the survey via the World Wide Web (WWW).

Keywords

Digital Elevation Model(DEM), error, quality assessment, Web based survey
