Abstract

The mundane tasks of Geographical Information Systems (GIS) are network modeling, network management and network analysis. Network analysis include computation of paths (routing) in transportation networks (after evaluation with markov chains e.t.c) allocation of resources’ in decision-making and applications management. This paper is presenting a spatial network data model, a feature that allows modeling and analysis of networks; in focus on application logic. This model uses open generic data models with many common GIS capacities.

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Index Terms

Computer Science  Networks

Keywords
GIS Applications, Network Spatial Data, GIS Systems Design.