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Evaluation of land use-transportation systems v Analytic Network Process

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Abstract

Developments in models and methods of urban systems have increasingly drawn attent effect of land use and transportation on behavioral and policy relevance, with multicrite and attention to the site-level analysis of spatial impacts. In this paper, we use Saaty's Network Process (ANP), a systems-oriented method, to contribute to the emerging metl developments in land use and transportation systems evaluation, planning, and forecas applied to the problem of light rail route selection with station area land use and proper multiple criteria. The application shows how the analysis of land use and transportation an urban system with feedback is facilitated by the ANP with data parsimony in the ex 2 of site-specific, spatial-economic impacts.

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