

عنوان مقاله:

.A Behavioral Freight Microsimulation in U.S

محل انتشار:

دهمین کنفرانس مهندسی حمل و نقل و ترافیک ایران (سال: 1390)

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خلاصه مقاله:

This study embarked upon the development of a nationwide freight activity microsimulation as an acceptable analysis tool for policy assessments. Mode choice component of a large-scale behavioral microsimulation framework, named Freight Activity Microsimulation Estimator (FAME) was developed and validated in this study. A new concept for firm-types is implemented in FAME to keep the computational burden at a reasonable level and to diminish the need for billion ۱۰ firm-types were generated in the U.S., among which more than ۴۶,۲۴۳ highly disaggregated data. A total of tons of domestic shipments were simulated. Total tonnage, value, and ton-mile of commodities for each mode were obtained as the final output, which showed a satisfactory match with public freight data in the U.S

کلمات کلیدی:

Freight modal selection, activity-based approach, micro-simulation

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