

TRANSPORTATION RESEARCH RECORD

Journal of the Transportation Research Board, No. 2157

Contents

Foreword	vii
Spatial Econometrics Approach to Integration of Behavioral Biases in Travel Demand Analysis Oleg A. Smirnov	1
Empirical Case Study of Spatial–Temporal Student Activity Population Jin Ki Eom, John R. Stone, and Kyungwoo Kang	11
Changes in Travel Behavior in Response to Weather Conditions: Do Type of Weather and Trip Purpose Matter? Mario Cools, Elke Moons, Lieve Creemers, and Geert Wets	22
Assessing the Impact of Public Holidays on Travel Time Expenditure: Differentiation by Trip Motive Mario Cools, Elke Moons, and Geert Wets	29
Structural Equation Model to Analyze Sociodemographics, Activity Participation, and Trip Chaining Between Household Heads: Survey of Shangyu, China Min Yang, Wei Wang, Gang Ren, Rui Fan, Bing Qi, and Xuewu Chen	38
Scobit-Based Panel Analysis of Multitasking Behavior of Public Transport Users Junyi Zhang and Harry Timmermans	46
Eliciting the Needs That Underlie Activity–Travel Patterns and Their Covariance Structure: Results of Multimethod Analyses Linda Nijland, Theo Arentze, and Harry Timmermans	54