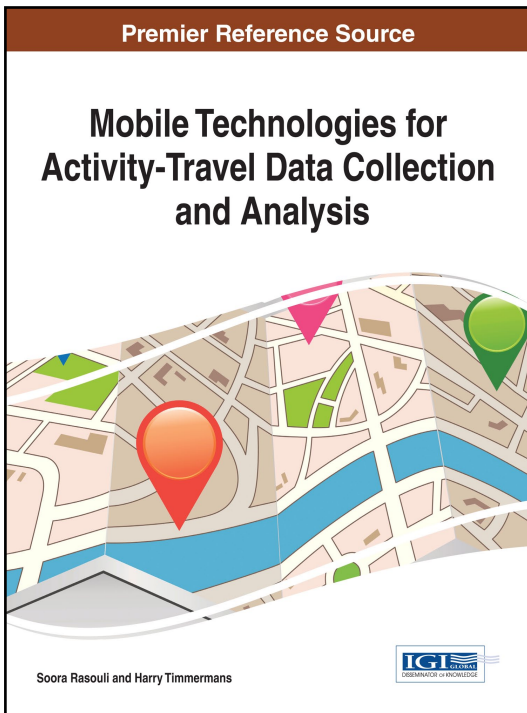


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Mobile Technologies for Activity-Travel Data Collection and Analysis



Part of the Advances in Data Mining and Database Management Book Series

Soora Rasouli (Eindhoven University of Technology, The Netherlands) and Harry Timmermans (Eindhoven University of Technology, The Netherlands)

As mobile technologies become ever more pervasive in modern society, users find increasingly innovative methods to take advantage of the newest developments and mobile devices. Data mining, in particular, has seen a vast shift as a result of wireless technologies.

Mobile Technologies for Active-Travel Data Collection and Analysis concentrates on one particular and fast-growing application of mobile technologies: data acquisition for the tourism industry. This critical reference source will provide travel agents, visitors, and hosts with the most advanced data mining methods, empirical research findings, and computational analysis techniques necessary to compete effectively in the global tourism industry.

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Soora Rasouli (Assistant Professor, Urban Planning Group, Eindhoven University of Technology, The Netherlands) has research interests in activity-based models of travel demand, uncertainty in complex systems, and methods of data collection. She is member of the editorial board of *Journal of Urban Planning and Development*, *International of Transportation*, *Modern Traffic and Transportation Engineering Research*, *International Journal of Urban Science*, and *Journal of Traffic and Transportation Planning*. She is junior career member of International Steering Committee for Travel Survey Conferences, and member of the Transportation Research Board Special Committee on Travel Forecasting Resources. Her work has been published in *Environment and Planning A*, *Environment and Planning B*, *Networks and Spatial Economics*, *Transportation Research A*, and the *International Journal of Geographic Information Science*. She has acted as guest editor for *Environment and Planning B*, *Travel Behavior and Society*, and *Journal of Choice Modeling*. She received several awards for her research.



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