



# Urban Rhythms and Travel Behaviour

Spatial and Temporal Phenomena of Daily Travel

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The recent availability of longitudinal data on individual trip making and activity behaviour has provided analysts with new insights into the structures and motives of daily life travel. Multi-week travel diary data-sets and GPS observations are exciting sources of information for the description and modelling of the variability of individual travel patterns.

Through an analysis of these strong new data sets, this book questions what are the most suitable methodological tools to represent the structures of long-term travel behaviour. It also examines what the data tells us about the travellers' motives and looks at how planning should translate the findings into forecasting tools and transport strategies. In doing so, the multifaceted and ambiguous character of daily life travel is revealed, illustrating how, while sound routines in time and space seem to dominate daily life, individuals show a considerable amount of variability and flexibility in travel and activity behaviour.

## Contents

Introduction; Part I Foundations: Theoretical framework; Definitions; Time, space and travel analysis: an overview; A conceptual model of non-response; The multi-day data sets employed. Part II The Temporal Aspects of Day-to-Day Travel Behaviour: Current patterns of travel behaviour; Scheduling; Modelling the rhythms of activity demand: an explanatory approach, modelling details and results;. Part III Human Spatial Behaviour and the Analysis of Activity Spaces: Destination choice and activity spaces: a review of concepts and a framework for analysis; Analysing activity space using longitudinal data: methods and results. Part IV Conclusions: Concluding remarks; Appendix; Bibliography; Index.

## About the Author

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