



Transport Survey Methods: Keeping up with a Changing World

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Synopsis

Knowing what is happening with the transport of people and goods is fundamental to our understanding of a changing world. Recent decades have seen major shifts in the form and distribution of human settlements, and in the organization of economic activity. Transport systems have sometimes led, sometimes followed, these shifts – but often at a cost to public health and living environments. Keeping up to date with the methods for measuring and interpreting the movement of people and goods, and of the vehicles that carry them, requires innovative thinking, best practice, and a global perspective.

Since the 1970s, a world community of survey experts, university researchers, and public/private sector practitioners has met about every three years to match methodological developments to critical contemporary needs. This book was written following their 8th meeting in Annecy, France in May 2008. It is not a proceedings volume, but a peer-reviewed selection of about one third of the papers that were presented, as well as a synthesis of 16 workshops spanning timely issues for both passenger and freight surveys, including non-response, data fusion,

electronic instruments, location-aware technologies, continuous surveying, adaptive behaviour, and data visualization.

The methods in this book are primarily focused on contact with transport users: the data they supply are constantly needed for the planning of infrastructure investment, pricing and regulation. They are also central to the just evaluation of the role of transport in generating benefits, such as economic development, and negative effects such as greenhouse gas emissions, poor air quality, ecosystem impairment and road casualties. The book is “must read” for anyone involved in keeping transport survey practice up to date.



Research you can use

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