



Jaume Barceló, Masao Kuwahara (Eds.)

Traffic Data Collection and its Standardization

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- **Presents the state of the art in traffic data collection and standardization. Brings the field completely up to date. As ITS are increasingly being developed around the world, the information in this book is critically needed.**

A nice night of October 2007, in Beijing, during the XV World Conference on ITS a number of colleagues met informally for a dinner party that spontaneously became a vivid discussion on the importance of traffic data for all types of purposes. Researchers can hardly do any progress in modeling, developing, and testing theories without suitable data, and what practitioners can do in real life is limited not only by technology but also by the availability of the required data. Quite frequently, the data and not the technologies are what determine how far we can go. Any discussion about traffic data leads in a natural way to a discussion on the variety of traffic data sources, formats, levels of aggregation, accuracies, and so on. Consequently, we moved to talk on the initiative that Kuwahara had undertaken in his traffic laboratory at the University of Tokyo, known as the International Traffic Data Base, and thus smoothly but inexorably we came to agree that it would be convenient to organize a workshop to continue our discussion at a more formal level, share our points of view with other colleagues, listen what they had to say and, if possible, disseminate the findings in our professional and academic communities.

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