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Urban Transport and the Environment

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Urban Transport XV

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Preface

This book contains the edited version of most of the papers presented at the 15th International Conference on Urban Transport and the Environment held in Bologna, Italy.

The continuous success of this annual meeting reflects the importance of the topic which attracts international delegates from many different countries. The development of more efficient and environmentally friendly transportation systems is essential in the quest for city sustainability. The complexity of the problem which involves a series of socio-economic as well as technical issues requires a substantial amount of research. New ideas need to be thoroughly tested and critically evaluated before they can be implemented in practise, which highlights the importance of meetings such as this.

The Conference started in Southampton in 1995; continuing in Barcelona (1996); Acquasparta, Italy (1997); Lisbon (1998); Rhodes (1999); Cambridge, UK (2000); Lemnos, Greece (2001); Seville (2002); Crete (2003); Dresden (2004); Algarve (2005); WIT Campus in the New Forest (2006); Coimbra (2007); and Malta (2008). The importance of these meetings is reflected in the papers published in the corresponding volumes of the series of Transactions of Wessex Institute, which are archived in the eLibrary of the Institute at library.witpress.com, where they are permanently and easily available to the international community.

This volume presents up to date material in a series of important topics classified as follows:

- Urban transport, planning and management
- Transportation demand analysis
- Intelligent transport systems
- Land use and transport integration
- Air and noise pollution
- Environmental and ecological aspects
- Traffic integration and control

- Transport modelling and simulation
- Safety and security
- Public transport systems

The Editor is grateful to all contributors for their excellent papers and to the members of the Scientific Advisory Committee and other colleagues who helped to review them.

The Editor
Bologna, 2009

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