Urban Transport XII

Urban Transport and the Environment in the 21st Century

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URBAN TRANSPORT AND THE ENVIRONMENT
IN THE 21ST CENTURY

Urban Transport XII

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Preface

This book contains most of the papers presented at the 12th International Conference on Urban Transport and the Environment, held in Prague in 2006. The meeting was organised by the Wessex Institute of Technology in the UK and the Technical University Pardubice in the Czech Republic.

The conference series has always attracted a wide international spread of delegates and is now well established as the premier annual event of its kind. It first started in Southampton (1995); continuing in Barcelona (1996); Acquasaparta, Italy (1997); Lisbon (1998); Rhodes (1999); Cambridge, UK (2000); Lemnos, Greece (2001); Seville (2002); Crete (2003); Dresden (2004); and Algarve (2005).

Transportation in cities, with its related environmental and social concerns continues to be a topic of the utmost priority for urban authorities and central governments around the world. Frequently, the concern is not orderly but driven by the crises and increased demands which take place regularly and even the best planned urban transport systems require considerable studies to safeguard their safety, maintenance and operational use.

The continuing need for better urban transport systems in general and the demand for a healthier environment has led to an increased level of research around the world. This is reflected in the contents of this book, which stresses the continuous steady growth and research into the urban transport systems control aspects, information and simulation systems. All these topics continue to be of importance for analysing the complex inter-relation of the urban transport environment and for establishing action strategies for transport and traffic problems.

The papers included in the volume cover a wide variety of topics, such as: Transport sustainability; Urban transport planning and management; Transport modelling and simulation; Transport logistics and operations research; Transport security and safety; Transport technology; Land use and transport integration; Environmental and ecological considerations; Intelligent transport systems; Public transport systems; Information systems and GPS applications; Road pricing.

All the papers in this book have been permanently archived on the Publisher's website (www.witpress.com) as an added service to the international community.

The Editors are grateful to the authors for their contributions and to the members of the International Scientific Advisory Committee for their help.

The 13th Conference in this Series will be held from 3 to 5 September 2007, in Coimbra, Portugal, organised by the Wessex Institute of Technology and the University of Coimbra.

The Editors
Prague, 2006

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