New Book from CRC Press - Public Transport Planning and Management in Development Countries

20 December 2014 – Florida, USA – CRC Press has announced the publication of a new book titled *Public Transport Planning and Management in Developing Countries*, by Ashish Verma and T. V. Ramanayya. Published in December 2014, this new book provides detailed coverage of issues related to public transport in developing countries; includes case studies from developing countries; and highlights differences in urban transport planning and management in developed and developing countries.

According to the CRC release: An efficient transportation system is critical for a country’s development. Yet cities in developing countries are typically characterized by high-density urban areas and poor public transport, as well as lack of proper roads, parking facilities, road user discipline, and control of land use, resulting in pollution, congestion, accidents, and a host of other transportation problems.

*Public Transport Planning and Management in Developing Countries* examines the status of urban transport in India and other developing countries. It explains the principles of public transport planning and management that are relevant and suitable for developing countries, addresses current transportation system inefficiencies, explores the relationship between mobility and accessibility, and analyzes the results for future use.

It’s projected that by 2030, developing nations will have more vehicles than developed nations, and automated guided transit (AGT) and other transport systems will soon be available in India. This text compares five cities using specific indicators—urbanization, population growth, vehicle ownership, and usage. It determines demographic and economic changes in India, and examines how these changes have impacted transportation demand and supply, transport policy and regulations, and aspects of economics and finance related to public transport.

The authors emphasize preserving and improving existing modes, efficient use of the public transport management infrastructure, implementing proper planning measures, and encouraging a shift towards sustainable modes. They also discuss sustainability in terms of environment, energy, economic, and land use perspectives and consider the trends of motorization, vehicle growth, modal share, effects on mobility and environment, and transport energy consumption and emissions.

*Public Transport Planning and Management in Developing Countries* addresses the growing resource needs and economics of public transport in developing countries, explains various aspects of public transport planning and management, and provides
readers with a basic understanding of both urban and rural public transport planning and management in developing countries.

**Dr. Ashish Verma** holds a Ph.D. from IIT Bombay and is currently serving as an assistant professor of transportation engineering at the Department of Civil Engineer and the Center for Infrastructure, Sustainable Transportation, and Urban Planning (CiSTUP) at the Indian Institute of Science (IISc), Bangalore, India. He has authored more than 70 research publications in the areas of sustainable transportation and road safety. He is an editorial board member of leading international journals of the American Society of Civil Engineers (ASCE) and other publishers. More details about him can be seen on his home page at [http://civil.iisc.ernet.in/ashishv/](http://civil.iisc.ernet.in/ashishv/).

**Professor T. V. Ramanayya** holds a degree in civil engineering, a master’s in transportation engineering, and a Ph.D. in transportation engineering, all from the Regional Engineering College (presently known as the National Institute of Technology) Warangal, Andhra Pradesh. He has four decades of experience (seven years in REC Warangal and 32 years at the Indian Institute of Management Bangalore) in teaching, training, research, and consultancy in the areas of transportation and urban infrastructure.

*For more about this book, go to [http://www.crcpress.com/product/isbn/9781466581586](http://www.crcpress.com/product/isbn/9781466581586)*

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