IET Intelligent Transport Systems

Call for Papers

SPECIAL ISSUE ON:
Intelligent Transportation Systems in Smart Cities for Sustainable Environment
Editor-in-Chief: Margaret Bell, Newcastle University, UK

A sustainable transportation system will be an integral feature of smart cities, and important in its own right in combatting the high levels of carbon emissions released from traditional, fossil fuelled transport systems. Major cities across the world use fossil fuels for their transportation process, which results in carbon emissions and pollution. Smart cities and their sustainable transport systems are the solution to this; by building smart cities and using sustainable energy we can aim for a pollution free environment.

This special issue on "Intelligent Transportation Systems in Smart Cities for Sustainable Environment" will look at the ITS technologies that can facilitate sustainability in cities, focusing on evaluation of applications and case studies of such technologies.

Topics of interest include, but are not limited to:

• Experimental approaches in finding whether intelligent manufacturing systems are sustainable
• Future trends in applications of Intelligent Transport Systems in Smart Cities
• Green driving using Intelligent Transportation System
• New approach in Sustainable Intelligent transportation problems
• Role of intelligent transportation systems in Smart Cities
• Recent Trends in Intelligent Transportation System
• Intelligent Transport Systems for Smarter Cities with sustainability assessment
• Smart Transport system and sustainability models
• Opportunities and challenges in sustainable transportation
• Environmental and economic benefits in Intelligent Transport Systems
• Smart transportation as a development model for intelligent cities
• Benefits of sustainable transportation systems to environment
• Barriers to Sustainable Transport in Smart Cities
• Importance of Intelligent Transportation System in Smart Cities
• Practice of implementing sustainable energy in Smart Cities
• Emerging technologies in intelligent transportation systems
• Sustainable transportation system in societal perspective

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Guest Editors:

Dr. Gunasekaran Manogaran
University of California, Davis, USA
gmanogaran@ucdavis.edu

Professor Hassan Quadat-Ullah
York University, Toronto, Canada
hassanq@yorku.ca

Professor Ching-Hsien Hsu
Chung Hua University, Taiwan
chh@chu.edu.tw

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