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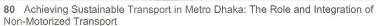
Abstract Booklet

Organised by
Transportation Systems Engineering
Department of Civil Engineering
Indian Institute of Technology Bombay
Powai, Mumbai 400076, India



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TPMDC 2014 Dec 10-12



Md. Mazharul Hoque*, Mohammad Ashifur Rahman, S.M.A. Bin Al Islam, Debashis Saha, Bangladesh University of Engineering and Technology

111 Pedestrian Crossing Behavior Analysis Over Space and Time

Ravi Shankar Kvr, Rajkumar Thota*, S.R. Engineering College, Warangal

169 Average Travel Speeds of Pedestrians on Off-street Facilities to Evaluate the Service Criteria in Urban Indian Context

Rima Sahani, Prasant Kumar Bhuyan*, NIT Rourkela

245 The Effect of Events on Pedestrian Behavior and its Comparison with Normal Walking Behavior in CBD Area in Indian Context

Hardik Sukhadia, Sanjay Dave, Jiten Shah, **Dipak Rathva***, M.S.University of Baroda

MMR

Lectern Session 2B - Planning

Hall B

15:00 to 16.30

Invited Talk

155 Modeling the Effects of Factors on the Willingness of Female Employees to Telecommute in Kuala Lumpur, Malaysia

Dr. Abdul Azeez Kadar Hamsa, **Mootaz M. Jaff***, Mansor Ibrahim, Mohd Zin Mohamed, Rustam Khairi Zahari, International Islamic University, Malaysia

175 Factors Influencing the Stated Preference of Employees towards Telecommuting in International Islamic University Malaysia

Farah Diyanah Ismail*, Abdul Azeez Kadar Hamsa, Mohd Zin Mohamed, International Islamic University Malaysia

186 Activity based travel demand modelling of Thiruvananthapuram urban area

G. R Amrutha Lekshmi*, V.S Landge, V.S Sanjay Kumar*, VNIT, Nagpur

198 Study on Willingness of Commuters for Car Pooling on a Selected Corridor in Chennai

Bhaskar Sharma, Kalaanidhi Sivagnanasundaram, **Dr. Gunasekaran Karupannan***, Division of Transportation Engineering, Anna University, Chennai

218 Modeling the Response to Paid on Street Parking Policy for Two Wheelers And Four Wheelers On Busy Urban Streets of CBD area - A Case Study of Surat City

Mayuri Patel*, Sanjay Dave, The Maharaja Sayajirao University of Baroda

^{*} Corresponding author, (Affiliation belongs to corresponding author)



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Keywords: Microsimulation, SUMO, SiMTraM, Traffic Flow, PCU

Paper ID: 153

Temperature Susceptibility of Warm Mix Bituminous Binders

Ambika Behl*, Satish Chandra & S. Gangopadhyay

Warm Mix Asphalt (WMA) is an innovation in paving technology which offers reduced mixing and compaction temperatures between 20 °C and 55 °C, when compared to raditional Hot Mix Asphalt (HMA). A reduction in mixing temperatures results in reduced CO2 emissions, increased sustainability, improved working conditions for construction and maintenance crews, extended paving season and financial benefits derived through lower production and transport costs. Despite the social, environmental and financial benefits of WMA technologies, there remains uncertainty relating to its durability and performance, because there is limited information available on its long-term performance. The mechanism of WMA is to use some additives or technologies to modify the meological behavior of bituminous binders and improve the workability of the mixture at ower temperature. Hence it is imperative to study the temperature susceptibility of bituminous binders with wma additives. In this paper the effects of three different wma additives, Sasobit, Rediset WMX and Evotherm on temperature susceptibility of asphalt binders were investigated by penetration test and viscosity test. Penetration Index (PI), Viscosity - Temperature susceptibility (VTS) and penetration-viscosity numbers (PVN) were found to evaluate the effects.

Keywords: Warm Mix Asphalt, temperature susceptibility, penetration index, viscosity, bitumen

Paper ID: 155

Modeling The Effects of Factors on The Willingness of Female Employees To Telecommute In Kuala Lumpur, Malaysia

Abdul Azeez Kadar Hamsaa*, Mootaz M. Jaffb, Mansor Ibrahim, Mohd Zin Mohamed & Rustam Khairi Zahari

The concept of telecommuting is increasingly gaining attention in the Malaysian context as a means of both easing the worsening peak-hour traffic congestion, and retaining women in the workforce. Moreover, substantial evidence in the literature suggests that

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