

Journal of Traffic and Logistics Engineering

CONTENTS

Volume 1, Number 2, December 2013

- Multivariate Operating Speed Forecasting Model Based on the Geometric Elements of Two-Lane Highways..97
Daniel S. P. Garcia, Luis A. Lindau, and Christine T. Nodari
- A Methodology for Location of Logistics Platforms Using Geographic Information Systems.....104
Beatriz B. Costa, Carlos D. Nassi, and Glaydston M. Ribeiro
- Society's Perception to the Presence of Urban Distribution Trucks.....111
L. Dexheimer, A. M. Larrañaga, and L. A. Lindau
- Failure Links between Public and Private Sector Partners in Transportation Public Private Partnerships Failures.....116
Mohsin Ali Soomro and Xueqing Zhang
- Cost Minimizing Coal Logistics for Power Plants Considering Transportation Constraints.....122
Ahmet Yucekaya
- Transportation and Economic Stimulation.....128
Zdenka Volkánová
- Analysis of the Possibilities to Reduce Accidents of Inexperienced Drivers.....132
Jaroslav Krá
- Optimization of 'Milk Run' of JCB India Ltd. (Ballabgarh Plant).....137
Manik G. Vig, Nomesh Bolia, and G. Sundararaman
- Securing Ground Transportation Infrastructures.....141
A. Di Febraro, F. Papa, and N. Sacco
- Urban Mobility Indicators for Thessaloniki.....148
Evangelos Mitsakis, Iraklis Stamos, Josep Maria Salanova Grau, Evangelia Chrysochoou, Panagiotis Iordanopoulos, and Georgia Aifadopoulou
- On Criticality Assessment Based Evacuation Modeling: Empirical Findings.....153
Iraklis Stamos, Josep Maria Salanova Grau, Evangelos Mitsakis, Georgia Aifadopoulou, and Yi-Chang Chiu
- Agent Based Modeling for Simulation of Taxi Services.....159
Josep Maria Salanova Grau, Miquel Angel Estrada Romeu, Evangelos Mitsakis, and Iraklis Stamos
- Review of Technologies for Emergency Management of Climate Change Related Impacts on Transport Networks.....164
Evangelos Mitsakis, Anestis Papanikolaou, Georgia Aifadopoulou, and Katerina Chrysostomou
- Current Status of ITS Deployment in Greece.....169
Evangelos Mitsakis, Maria Chatziathanasiou, Yannis Tyrinopoulos, and Panagiotis Iordanopoulos

AIS-based Algorithm for Solving Vehicle Routing Problem with Simultaneous Pick-up and Delivery (VRP-SPD).....	174
<i>Chuhang Yu and Henry Y. K. Lau</i>	
IDISRA – Integrated Distributed Intelligent System for Rail Automation: Safety Issues.....	179
<i>Asim K. Pal and Debabrata Nath</i>	
Idling Emission at Intersection and Exploring Suitable Mitigation Measures.....	184
<i>Ravindra Kumar, Purnima Parida, Devesh Tiwari, and S. Gangopadhyay</i>	
Smart Tracking System for School Buses Using Passive RFID Technology to Enhance Child Safety.....	191
<i>Khaled Shaaban, Abdelmoula Bekkali, Elyes Ben Hamida, and Abdullah Kadri</i>	
Influence of Crash Report Forms on Red Light Running Crash Data.....	197
<i>Khaled Shaaban, Dina Elnashar, and Essam Radwan</i>	
Evaluation of Work Zone Strategies at Signalized Intersections.....	202
<i>Khaled Shaaban and Dina Elnashar</i>	
Right Turn Split: A New Design to Alleviate the Weaving Problem on Arterial Streets.....	207
<i>Khaled Shaaban and Essam Radwan</i>	
Real-Time Fog Warning System for the Abu Dhabi Emirate (UAE).....	213
<i>Oualid Walid Ben Ali, Hussain Al-Harthei, and Atef Garib</i>	
Development of Trend Model of the Passenger Demand for Public Bus Transport.....	218
<i>Marijan Rajsman, Ivan Tolić, and Bruno Rajsman</i>	
Quality Function Deployment in Airport Terminals: The Airport of Porto Alegre Case.....	222
<i>Fernanda D. Weber, Aline C. B. Mancuso, Luiz A. S. Senna, and Márcia E. S. Echeveste</i>	
Airline Network: Critical Leg Assessment via Variation in Practical Capacity.....	228
<i>Peiman Alipour Sarvari and Serpil Erol</i>	
Supply Chain Decarbonisation in Shipping and Logistics Transportation.....	233
<i>Eugene Y. C. Wong, Henry Y. K. Lau, and Josephine S. C. Chong</i>	
Subsurface Structure Prediction of Railroad Tunnel in Malang, Indonesia Based on Dipole-Dipole Geoelectrical Method.....	238
<i>A. Susilo, Sunaryo, and Wasis</i>	
A Framework for Abu Dhabi Police Traffic Monitoring and Response Center.....	243
<i>Akmal S. Abdelfatah, Majed Marzouk, Atef Garib, and Hussain Al-Harthei</i>	
Evaluation of Texas Incident Detection Algorithm after Years of Implementation.....	249
<i>Khaled Hamad and Maher Omar</i>	
Characteristics of New Approach for Aluminum Hydrogen Storage Materials.....	254
<i>Masahiko Katagiri, Seiichi Kato, and Kuniko Urashima</i>	