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. (Ballabhgarh Plant)……………………………………………………137  
Manik G. Vig, Nomesh Bolia, and G. Sundararaman

Securing Ground Transportation Infrastructures…………………………………………………………………………141  
A. Di Febbraro, 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, Miguel 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

Chuhang Yu and Henry Y. K. Lau

IDISRA – Integrated Distributed Intelligent System for Rail Automation: Safety Issues ..................... 179

Asim K. Pal and Debabrata Nath

Idling Emission at Intersection and Exploring Suitable Mitigation Measures ........................................ 184

Ravindra Kumar, Purnima Parida, Devesh Tiwari, and S. Gangopadhyay

Smart Tracking System for School Buses Using Passive RFID Technology to Enhance Child Safety ....... 191

Khaled Shaaban, Abdelmoula Bekkali, Elyes Ben Hamida, and Abdullah Kadri

Influence of Crash Report Forms on Red Light Running Crash Data .................................................. 197

Khaled Shaaban, Dina Elnashar, and Essam Radwan

Evaluation of Work Zone Strategies at Signalized Intersections ......................................................... 202

Khaled Shaaban and Dina Elnashar

Right Turn Split: A New Design to Alleviate the Weaving Problem on Arterial Streets ....................... 207

Khaled Shaaban and Essam Radwan

Real-Time Fog Warning System for the Abu Dhabi Emirate (UAE) .................................................. 213

Oualid Walid Ben Ali, Hussain Al-Harthei, and Atef Garib

Development of Trend Model of the Passenger Demand for Public Bus Transport ......................... 218

Marijan Rajsman, Ivan Tolić, and Bruno Rajsman

Quality Function Deployment in Airport Terminals: The Airport of Porto Alegre Case ..................... 222

Fernanda D. Weber, Aline C. B. Mancuso, Luiz A. S. Senna, and Márcia E. S. Echeveste

Airline Network: Critical Leg Assessment via Variation in Practical Capacity .................................. 228

Peiman Alipour Sarvari and Serpil Erol

Supply Chain Decarbonisation in Shipping and Logistics Transportation ........................................ 233

Eugene Y. C. Wong, Henry Y. K. Lau, and Josephine S. C. Chong

Subsurface Structure Prediction of Railroad Tunnel in Malang, Indonesia Based on Dipole-Dipole Geoelectrical Method .......................................................... 238

A. Susilo, Sunaryo, and Wasis

A Framework for Abu Dhabi Police Traffic Monitoring and Response Center ................................. 243

Akmal S. Abdelfatah, Majed Marzouk, Atef Garib, and Hussain Al-Harthei

Evaluation of Texas Incident Detection Algorithm after Years of Implementation ............................. 249

Khaled Hamad and Maher Omar

Characteristics of New Approach for Aluminum Hydrogen Storage Materials .................................... 254

Masahiko Katagiri, Seiichi Kato, and Kuniko Urashima