## **Journal of Traffic and Logistics Engineering**

## **CONTENTS**

The Dynamic of the Suburban Railway Passenger Transport in the Traffic System of the City of Zagreb	1
Evaluating the Sustainability of Traffic Growth in Malaysia	6
Impact of U-Turns as Alternatives to Direct Left-Turns on the Operation of Signalized Intersections	12
Impact of Time-to-Collision Information on Driving Behavior in Connected Vehicle Environments Using A Dri Simulator Test Bed	_
Osama A. Osman, Julius Codjoe, and Sherif Ishak  Airport Gate Reassignment Based on the Optimization of Transfer Passenger Connections  Chuhang Yu and Henry Y. K. Lau	25
Environmental Aspects of Air Traffic Expansion	31
Effects of Countdown Timer on Yellow Light Running: An Empirical Study	36
A Countermeasures Study on Level Bust Caused by Radiotelephony Communication	41
Video Foreground Detection Based on Adaptive Mixture Gaussian Model for Video Surveillance Systems	45
A Model to Reduce the Effects of Traffic Congestion Using Allocation Constraint in Emergencies	52
Analysis of Elderly Road User's Characteristics at Roundabout: A Case Study	57
Economic Consequences of Climate Change Impacts on Transportation: The Case of Atlantic Canada	62
Factors Impacting Link Travel Speed Reliability: A Case Study at Cairo, Egypt	67
Built Environment Towards Active Transport and Health Improvements	72

Formation of Training and Testing Datasets, for Transportation Mode Identification	
Muhammad Awais Shafique and Eiji Hato	
Cost Overruns and the Proposed Panay-Guimaras-Negros Inter-Island Bridge Project, Philippines	