

Journal of Traffic and Logistics Engineering

CONTENTS

Volume 1, Number 1, June 2013

Estimation of Normal Traffic and Traffic Impact Based on Float Car Data.....	1
<i>Jiang Xinxin and Jiang Sheng</i>	
Vehicle Routing for Exhausted Oil Collection.....	5
<i>Dennis Weyland, MatteoSalani, Roberto Montemanni and Luca Maria Gambardella</i>	
Modeling and Control of an Isolated Intersection via Hybrid Petri Nets.....	9
<i>Bassem Sammoud, Mahjoub Dridi, Abdallah El Moudni, and Mohamed Benrejeb</i>	
An Operation Model of Carsharing Service: Application of Simulation Method.....	15
<i>Byungun Yoon and Sungjoo Lee</i>	
Influence of Unscheduled Random Public Bus Stops on Transit Travel Time.....	20
<i>Mohamed M. Elhabiby, Ahmed O. Fikry, Hassan A. Mahdy, and Khaled A. Kandil</i>	
Study on the Price Elasticity of Demand of Beijing Subway.....	25
<i>Yanan Miao and Liang Gao</i>	
Sustainable Transport Rating Tool via Traffic Impact Studies.....	30
<i>Dima Jawad</i>	
Supportive Role of Dynamic Order Picking Area in Distribution Warehouse.....	36
<i>Konrad Lewczuk and Jolanta Żak</i>	
Order Picking Area Layout and Its Impact on the Efficiency of Order Picking Process.....	41
<i>Michał Klódownski and Jolanta Żak</i>	
Vehicle Routing Problem with Heterogeneous Customers Demand and External Transportation Costs.....	46
<i>Roland Jachimowski and Jolanta Zak</i>	
Evaluation and Mitigation of Road Traffic Noise in Amman, Jordan.....	51
<i>K. Jadaan, A. Al-Dakhlallah, J. Goussous, and H. Gammoh</i>	
Traffic Safety in Jordan: Magnitude, Cost and Potential Countermeasures.....	54
<i>K. Jadaan, I. Al-Hyari, H. Naghawi, R. Ammourah, and Z. Al Nabulsi</i>	
Towards a Sustainable Urban Freight Transport and Urban Distribution.....	58
<i>Eftihia G. Nathanail and Konstantinos N. Papoutsis</i>	
Real-Time Traffic Patrol Allocation for Abu Dhabi Emirate (UAE).....	64
<i>Hussain Al-Harthei, Oualid Walid Ben Ali, and Atef Garib</i>	
The Modified Algorithm Study on Load Degree of Subway Station.....	69
<i>Zhang Chenchen, Wang Yanhui, Zhu Lingxi, Li Man, and Zhang Xu</i>	
The Application of Highway Safety Audit on the Rebuilding and Extending.....	73

Sha Sha and Qiang Wang

Stochastic Planning Approach in Airport Passenger Terminals.....	77
<i>Hesam. Shabani Verki, Amir Reza. Mamdoohi, and Mahmoud. Saffarzadeh</i>	
Geographical Information System (GIS) as a Tool for Urban Traffic Network Analysis (A Case Study of Federal Capital City, Abuja).....	82
<i>Sama'ila Saleh</i>	
Traffic Safety and Sustainable Transport Systems in Developing Countries.....	86
<i>Monteiro Figueira and Claudia S. Albuquerque</i>	
Study for Protection of Biodiversity on the Supply Chain.....	92
<i>Kuniko Urashima, Hiroya Fujimoto, Masahiko Katagiri, and Nagahiro Saito</i>	