



**Institute of Transport Studies (Monash)**  
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash  
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World Transit Research Newsletter

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9-1-2013

# September 2013 World Transit Research Newsletter

Institute of Transport Studies, Monash University

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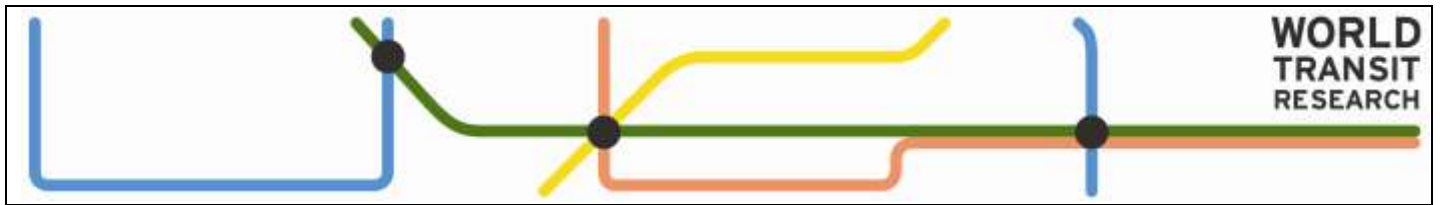
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**MONASH** University



## World Transit Research

### September 2013 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the nineteenth WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bi-monthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

WTR is now used by public transport researchers in over 7,000 cities and towns in 170 countries worldwide.

#### **BACKGROUND**

World Transit Research (WTR) is designed to help public transport practitioners and researchers get easier access to quality research in the field of public transport planning. WTR is a free repository of research papers, reports, research abstracts and links to research findings from leading research journals indexed and searchable to ensure easier access to topics of interest. The site is developed and run by the [Public Transport Research Group](#) at the Institute of Transport Studies, Monash University. The clearinghouse performs the following functions:

- Search/Find – The database is searchable on key words and also via a list of subject areas
- Newsletter Subscription – Those accessing the website can enrol in a free email newsletter. This broadcasts new publications in the field every 2 months
- Links – links to relevant associated sites are provided
- Submit Research – Researchers can use the website to suggest items for inclusion in the database. Copyright requirements are described.

#### **NEWSLETTER**

Your recommendation can help grow our number of subscribers. Do you know someone interested in public transport research that would like to receive this newsletter? Ask them to go to <http://www.worldtransitresearch.info/> and enter their email address in the box provided under Newsletter.

#### **NEW ADDITIONS**

World Transit Research clearinghouse now includes some 4,858 research reports/papers. Some 70 published papers have been added. The new ones are listed in the attached table. In addition new journals and relevant papers are also occasionally added from previous publication records.

#### **CONTRIBUTE YOUR RESEARCH AND INCREASE YOUR CITATIONS**

Should you have any relevant papers that you think should be included in this repository, please log on to [www.worldtransitresearch.info](http://www.worldtransitresearch.info) and click on the Submit Research icon. The WTR Clearinghouse is a very effective tool to increase author citations of research since it acts to publicise your research to those interested in this field.

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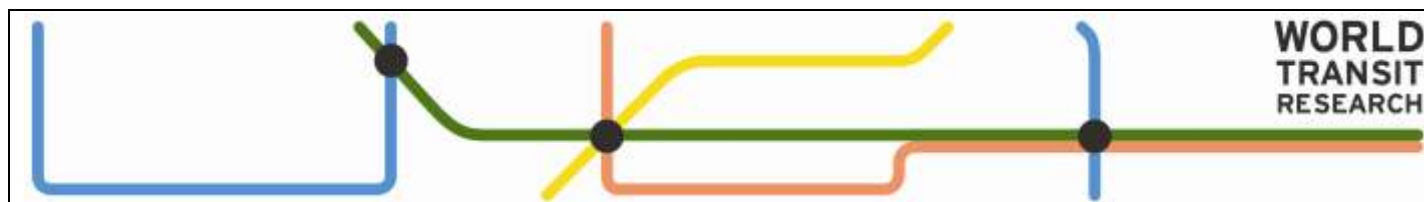
#### **JOURNAL SUBSCRIPTIONS**

Articles on the following two pages denoted with an asterisk \* are from Journals that require a subscription to view the full article.

#### **SUGGESTIONS WELCOMED**

If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
J Lai, L Yu, G Song, X Chen	<a href="#">Development of City-Specific Driving Cycles for Transit Buses Based on VSP Distributions: Case of Beijing</a> *	2013
S L Reich, J L Davis	<a href="#">Integrating Transit with Road Pricing Projects</a> *	2013
J T Begley	<a href="#">Effectively Managing Consumer Fuel Price Driven Transit Demand</a> *	2013
C A Hale	<a href="#">Mass Transit Project Financing - new and alternative approaches</a>	2013
C A Hale	<a href="#">Station Access on Four Continents</a>	2013
A Santalucia, B Whitaker, E Oettinger	<a href="#">Potential Impacts of Federal Health Care Reform on Public Transit</a> *	2013
X Ma, H K Lo	<a href="#">On Joint Railway and Housing Development Strategy</a> *	2013
M Freyss, R Giesen, J C Muñoz	<a href="#">Continuous Approximation for Skip-Stop Operation in Rail Transit</a> *	2013
E J Gonzales, C F Daganzo	<a href="#">The evening Commute with Cars and Transit: Duality Results and User Equilibrium for the Combined Morning and Evening Peaks</a> *	2013
Z Liu, Y Yan, X Qu, Y Zhang	<a href="#">Bus stop-skipping scheme with random travel time</a> *	2013
M Bordagaray, L Dell'olio, A Ibeas, P Cecin	<a href="#">Modelling user perception of bus transit quality considering user and service heterogeneity</a> *	2013
U.S. Government Accountability Office (GAO)	<a href="#">Transit Asset Management: Additional Research on Capital Investment Effects Could Help</a>	2013
M Salonen, T Toivonen	<a href="#">Modelling travel time in urban networks: comparable measures for private car and public transport</a> *	2013
B de Jonge, R H Teunter	<a href="#">Optimizing itineraries in public transportation with walks between rides</a> *	2013
A Tirachini, D A Hensher, J M Rose	<a href="#">Crowding in public transport systems: Effects on users, operation and implications for the estimation of demand</a> *	2013
S L Reich, A Kolpakov	<a href="#">Tracking Costs of Alternatively Fueled Buses in Florida – Phase II</a> *	2013
K Broome, L Worrall, J Fleming, D Boldy	<a href="#">Evaluation of age-friendly guidelines for public buses</a> *	2013
C V Fiorio, M Floria, G Perucca	<a href="#">User satisfaction and the organization of local public transport: Evidence from European cities</a> *	2013
M E Kim, P Schonveld	<a href="#">Integrating bus services with mixed fleets</a> *	2013
S. Chowdhury, A Ceder	<a href="#">Definition of Planned and Unplanned Transfer of Public Transport</a>	2013
C Collins, S Hasan, S V Ukkusuri	<a href="#">A Novel Transit Rider Satisfaction Metric</a>	2013
G Currie, A Delbosc	<a href="#">Exploring Comparative Ridership Drivers of Bus Rapid Transit and Light Rail Transit Routes</a>	2013
B J Flamm	<a href="#">Determinants of Bicycle-On-Bus Boardings: A Case Study of the Greater Cleveland RTA</a>	2013
A Dunckel-Graglia	<a href="#">Women-Only Transportation: How “Pink” Public Transportation Changes Public Perception of Women’s Mobility</a>	2013
Z Li, D A Hensher	<a href="#">Crowding in Public Transport: A Review of Objective and Subjective Measures</a>	2013
D McCormick, W Mitullah, P Chitere, R Orero, M Ommeh	<a href="#">Paratransit Business Strategies: A Bird’s-Eye View of Matatus in Nairobi</a>	2013
R M Shrestha, E J Zolnik	<a href="#">Eliminating Bus Stops: Evaluating Changes in Operations, Emissions and Coverage</a>	2013
F Gallivan	<a href="#">Energy Savings Strategies for Transit Agencies</a> *	2013
U.S. Government Accountability Office (GAO)	<a href="#">Transportation Security: TSA Could Strengthen Monitoring of Allegations of Employee Misconduct</a>	2013
P J Haas, L Fabish	<a href="#">Measuring the Performance of Livability Programs</a>	2013
M Furuhashi, L Cohen, S Koenig	<a href="#">Using Auctions to Allocate Transportation Requests for Demand Responsive Transit Systems</a>	2013
N Blair, J Hine, S M A Bukhari	<a href="#">Analysing the impact of network change on transport disadvantage: a GIS-based case study of Belfast</a> *	2013
R Hickman, P Hall, D Bannister	<a href="#">Planning more for sustainable mobility</a> *	2013
J de Oña, R de Oña, L Ebohi, G Mazzulla	<a href="#">Perceived service quality in bus transit service: A structural equation approach</a> *	2013
D Corina, B Adriana	<a href="#">Impact of Work Related Trauma on Acute Stress Response in Train Drivers</a> *	2013
X Chu	<a href="#">A Tool for Assessing the Economic Impact of Spending on Public Transit</a> *	2013
M Yu Nie, Q Li, P W Chen	<a href="#">Reliable Routing in Transit Networks</a>	2013

A Reep, L Staes, V Perk	<a href="#">A Qualitative Analysis of Bus Simulator Training on Transit Incidents - A Case Study in Florida</a>	2013
C Kamga, M. Anil Yazici, A Singhal	<a href="#">Implementation of interactive transit information kiosks at New York City transit facilities: Analysis of user utilization and lessons learned</a> *	2013
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E Bart, A Reep	<a href="#">Culture of Progressive Longitudinal Training in the Public Transit Industry</a> *	2013
Y Fan, A Guthrie	<a href="#">Achieving System-Level, Transit-Oriented Jobs-Housing Balance: Perspectives of Twin Cities Developers and Business Leaders</a>	2013
J Eriksson	<a href="#">A Context Aware Transit Navigator</a> *	2013
E Cooper, M Arioli, A Carrigan, U Jain	<a href="#">Meta-Analysis of Transit Bus Exhaust Emissions</a> *	2013
Y Xu, V Elango, R Guensler, S Khoeini	<a href="#">Idle Monitoring, Real-Time Intervention, and Emission Reductions from Cobb County, Georgia, School Buses</a> *	2013
London TravelWatch	<a href="#">Passengers' ticket purchasing and journey experiences</a>	2013
Y Shen, M P Kwan, Y Chai	<a href="#">Investigating commuting flexibility with GPS data and 3D geovisualization: a case study of Beijing, China</a> *	2013
J Dubé, M Thériault, F Des Rosiers	<a href="#">Commuter rail accessibility and house values: The case of the Montreal South Shore, Canada, 1992–2009</a> *	2013
X Ma, Y J Wu, Y Wang, F Chen, J Liu	<a href="#">Mining smart card data for transit riders' travel patterns</a> *	2013
C Mulley, C Ho	<a href="#">Evaluating the impact of bus network planning changes in Sydney, Australia</a> *	2013
R Matsunaka, T Oba, D Nakagawa, M Nagao, J Nawrocki	<a href="#">International comparison of the relationship between urban structure and the service level of urban public transportation—A comprehensive analysis in local cities in Japan, France and Germany</a> *	2013
A Joslin, W P Morris	<a href="#">Ridership Impacts of South Florida's EASY Smart Card</a> *	2013
N Sikka, P Hanley	<a href="#">What do commuters think travel time reliability is worth? Calculating economic value of reducing the frequency and extent of unexpected delays</a> *	2013
J Cao	<a href="#">The association between light rail transit and satisfactions with travel and life: evidence from Twin Cities</a> *	2013
K Edison Watkins, A Borning, G.S. Rutherford, B Ferris, B Gill	<a href="#">Attitudes of bus operators towards real-time transit information tools</a> *	2013
Kittelson & Assoc, Inc, Parsons Brinckerhoff, Inc, KFH Group, Inc, Texas A&M Transportation Institute, Arup	<a href="#">Transit Capacity and Quality of Service Manual. Third Edition</a> *	2013
D Peterson	<a href="#">Effortless Passenger Identification System</a> *	2013
S Lee, C Yi, S P Hong	<a href="#">Urban structural hierarchy and the relationship between the ridership of the Seoul Metropolitan subway and the land-use pattern of the station areas</a> *	2013
J Zhao, W Deng, Y Song, Y Zhu	<a href="#">What influences Metro station ridership in China? Insights from Nanjing</a> *	2013
R Borndörfer, A Löbel, M Reuther, T Schlechte, S Weider	<a href="#">Rapid Branching</a> *	2013
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V Chiraphadhanakul, C Barnhart	<a href="#">Incremental bus service design: combining limited-stop and local bus services</a> *	2013
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E Celik, O N Bilisik, M Erdogan, A T Gumus, H Baraclı	<a href="#">An integrated novel interval type-2 fuzzy MCDM method to improve customer satisfaction in public transportation for Istanbul</a>	
B Alonzo, J L Moura, A Ibeas, L dell'Olio	<a href="#">Analytical model for calibrating delay at congested bus stops</a>	
Y Shen, K Peng, K Chen, J Li	<a href="#">Evolutionary crew scheduling with adaptive chromosomes</a> *	2013
D Z W Wang, B Du	<a href="#">Reliability-Based Modeling of Park-and-Ride Service on Linear Travel Corridor</a>	2013
H S Mahmassani, F Koppelman, C Frei, A Frei, R Haas	<a href="#">Synthesis of Traveler Choice Research: Improving Modeling Accuracy for Better Transportation Decisionmaking</a>	2013

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