



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

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

World Transit Research Newsletter

7-2014

World Transit Research July 2014 Newsletter

Institute of Transport Studies Monash University

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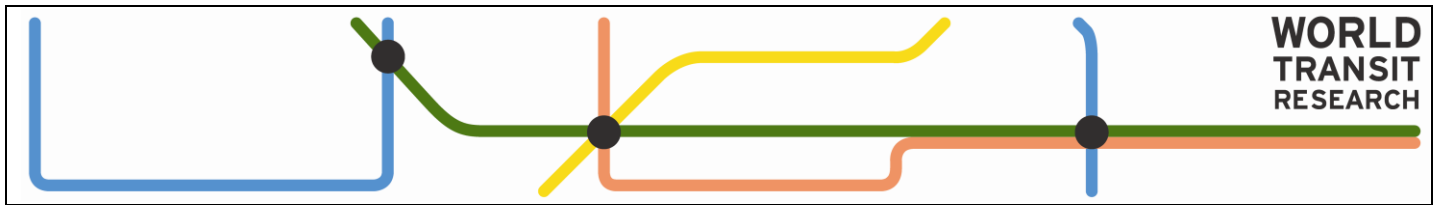
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MONASH University



World Transit Research

July 2014 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the Twentyfourth 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 5220 research reports/papers. Some 56 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 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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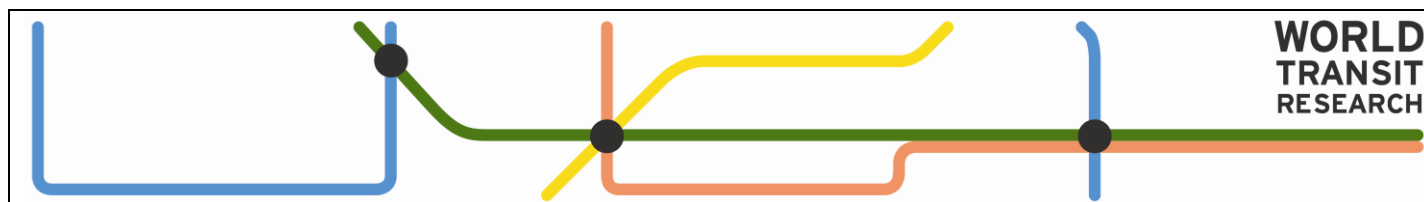
JOURNAL SUBSCRIPTIONS

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

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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
J Scheiner	Gendered key events in the life course: effects on changes in travel mode choice over time*	2014
P Murray-Tuite, K Wernstedt, W Yin	Behavioral shifts after a fatal rapid transit accident: A multinomial logit model*	2014
J De Vos, V Van Acker, F Witlox	The influence of attitudes on Transit-Oriented Development: An explorative analysis*	2014
S Kaplan, D Popoks, C G Prato, A Ceder	Using connectivity for measuring equity in transit provision*	2014
A Alam, M Hatzopoulou	Investigating the isolated and combined effects of congestion, roadway grade, passenger load, and alternative fuels on transit bus emissions*	2014
E A Nanaki, C J Koroneos, G A Xydis, D Rovas	Comparative environmental assessment of Athens urban buses—Diesel, CNG and biofuel powered*	2014
B Zhang, Z-s Xu, Q-wi Zhao, Y-y Liu	A Study on Theoretical Calculation Method of Subway Safety Evacuation*	2014
W L Wang, T Y Jacqueline Lo	A Simulation Study on Passenger Escape in Rail Tunnels*	2014
M J Nahlik, M V Chester	Transit-oriented smart growth can reduce life-cycle environmental impacts and household costs in Los Angeles*	2014
M Duncan, D Cook	Is the provision of park-and-ride facilities at light rail stations an effective approach to reducing vehicle kilometers traveled in a US context?*	2014
K Jenkins, M Gilbey, J Hall, V Glenis, C Kilsby	Implications of climate change for thermal discomfort on underground railways*	2014
C Brakewood, F Rojas, J Robin, J Sion, S Jordan	Forecasting Mobile Ticketing Adoption on Commuter Rail	2014
R Haider, E Martinez	Engaging Transit Riders in Public Awareness Programs	2014
T Litman	Evaluating Public Transportation Local Funding Options	2014
A A Nwachukwu	Assessment of Passenger Satisfaction with Intra-City Public Bus Transport Services in Abuja, Nigeria	2014
Q Xu, B Mao, M Li, X Feng	Simulation of Passenger Flows on Urban Rail Transit Platform based on Adaptive Agents*	2014
S G Lee, M Hickman	Trip purpose inference using automated fare collection data*	2014
F Kurauchi, J-D Schmöcker, H Shimamoto, S M Hassan	Variability of commuters' bus line choice: an analysis of oyster card data*	2014
Z Lin, R S K Kwan	A two-phase approach for real-world train unit scheduling*	2014
T Dollevoet, D Huisman	Fast heuristics for delay management with passenger rerouting*	2014
R Bauer, A Schöbel	Rules of thumb: practical online-strategies for delay management*	2014
G Kash, D Hidalgo	The promise and challenges of integrating public transportation in Bogotá, Colombia*	2014
M Marzouk, A Abdelaty	BIM-based framework for managing performance of subway stations*	2014
M A Nayeem, Md. K Rahman, M S Rahman	Transit network design by genetic algorithm with elitism*	2014
A J Pel, N H Bel, M Pieters	Including passengers' response to crowding in the Dutch national train passenger assignment model*	2014
Y Hamdouch, W Y Szeto, Y Jiang	A new schedule-based transit assignment model with travel strategies and supply uncertainties*	2014
F Jiménez, F Serradilla, A Román, J E Naranjo	Bus line classification using neural networks*	2014
S M M Amiripour, A Ceder, A S Mohaymany	Hybrid Method for Bus Network Design with High Seasonal Demand Variation	2014
Y Ji, R G Mishalani, M R McCord	Estimating Transit Route OD Flow Matrices from APC Data on Multiple Bus Trips Using the IPF Method with an Iteratively Improved Base: Method and Empirical Evaluation	2014
A Ibeas, B Alonso, L dell'Olio, J L Moura	Bus Size and Headways Optimization Model Considering Elastic Demand	2014
J Ma, Y Bai, J Shen, F Zhou	Examining the Impact of Adverse Weather on Urban Rail Transit Facilities on the Basis of Fault Tree Analysis and Fuzzy Synthetic Evaluation	2014
M-W Kang, M K Jha, R Buddharaju	Rail Transit Route Optimization Model for Rail Infrastructure Planning and Design: Case Study of Saint Andrews, Scotland	2014
B J Flamm, K M Sutula, M R Meenar	Changes in access to public transportation for cycle-transit users in response	2014

	to service reductions*	
S Hassold A Ceder	Public transport vehicle scheduling featuring multiple vehicle types*	2014
S Raveau, Z Guo, J C Muñoz, N H M Wilson	A behavioural comparison of route choice on metro networks: Time, transfers, crowding, topology and socio-demographics*	2014
Q He, K L Head, J Ding	Multi-modal traffic signal control with priority, signal actuation and coordination*	2014
D Villeneuve	The new prevalence of public-private partnerships in the production of Light Rail Transit Systems in Canada	2014
S Bari	Performance, combustion and emission tests of a metro-bus running on biodiesel-ULSD blended (B20) fuel*	2014
L Noel, R McCormack	A cost benefit analysis of a V2G-capable electric school bus compared to a traditional diesel school bus*	2014
S A Richmond, L Rothman, R Buliung, N Schwartz, K Larsen, A Howard	Exploring the impact of a dedicated streetcar right-of-way on pedestrian motor vehicle collisions: A quasi experimental design*	2014
L Mejia-Dorantes, K Lucas	Public transport investment and local regeneration: A comparison of London's Jubilee Line Extension and the Madrid Metrosur*	2014
S Tao, J Corcoran, I Mateo-Babiano, D Rohde	Exploring Bus Rapid Transit passenger travel behaviour using big data*	2014
H Kato, Y Kaneko, Y Soyama	Economic benefits of urban rail projects that improve travel-time reliability: Evidence from Tokyo, Japan*	2014
F Perea, J A Mesa, G Laporte	Adding a new station and a road link to a road-rail network in the presence of modal competition*	2014
E Fürst	Making the way to the university environmentally sustainable: A segmentation approach*	2014
J Y J Chow	Policy analysis of third party electronic coupons for public transit fares*	2014
T Kusakabe, Y Asakura	Behavioural data mining of transit smart card data: A data fusion approach*	2014
D Deka	An exploration of the environmental and rider characteristics associated with disability paratransit trip delay*	2014
M Kim, P Schonfeld	Integration of conventional and flexible bus services with timed transfers*	2014
S Grischkat, M Hunecke, S Böhler, S Hausteiner	Potential for the reduction of greenhouse gas emissions through the use of mobility services*	2014
W Gu, V V Gayah, M J Cassidy, N Saade	On the impacts of bus stops near signalized intersections: Models of car and bus delays*	2014
Y Jiang, H-j Sun, J-j Wu	Comparative Analysis of Transportation Network Design Problem under Stochastic Capacity*	2014
N Salomonson, M Fellesson	Tricks and tactics used against troublesome travelers—Frontline staff's experiences from Swedish buses and trains*	2014
N Duduta, C Adriaola, D Hidalgo	Saving Lives with Sustainable Transport	2013
J S Lee, P C Zegras, E Ben-Joseph, S Park	Does urban living influence baby boomers' travel behavior?*	2014
M E Bruni, F Guerriero, P Beraldi	Designing robust routes for demand-responsive transport systems*	2014

Note: Articles with an asterisk * are from Journals that require a subscription to view the full article