



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**

World Transit Research Newsletter

2015

World Transit Research July 2015 Newsletter

Institute of Transport Studies Monash University

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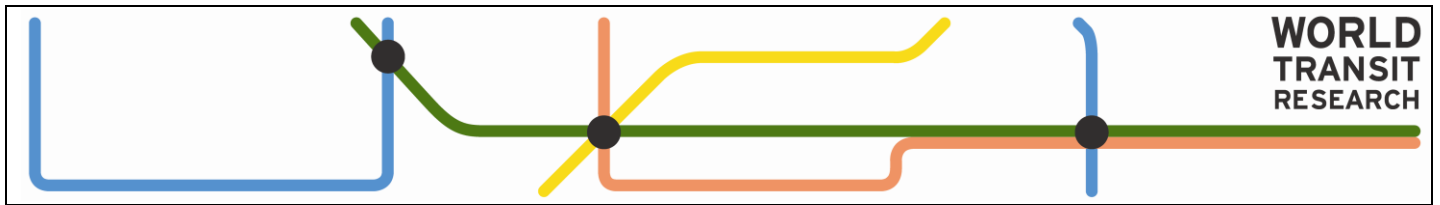
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MONASH University



World Transit Research

July 2015 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the 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 8,000 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 5,591 research reports/papers. Some 63 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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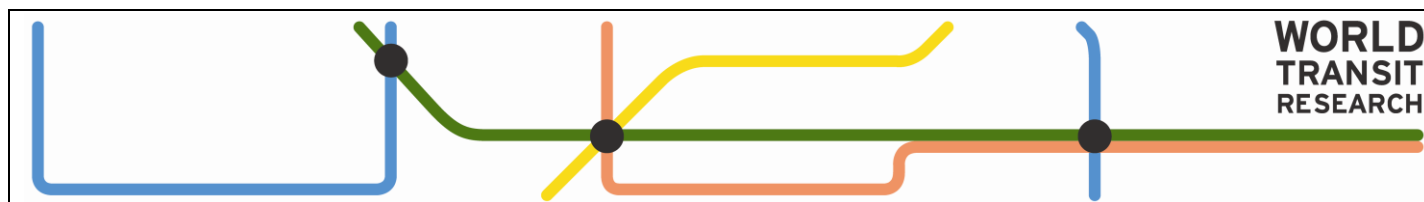
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Articles on the following two pages denoted with an asterisk * are from Journals that require a subscription to view the full article.

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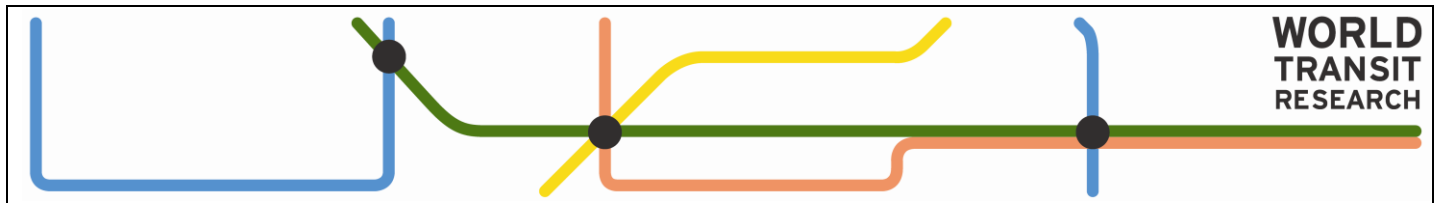
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
N Aydin, E Celik, A T Gumus	A hierarchical customer satisfaction framework for evaluating rail transit systems of Istanbul*	2015
Y Chung, H Kim	Deep subterranean railway system: Acceptability assessment of the public discourse in the Seoul Metropolitan Area of South Korea*	2015
L Haywood, M Koning	The distribution of crowding costs in public transport: New evidence from Paris*	2015
Z Wang, X Li, F Chen	Impact evaluation of a mass transit fare change on demand and revenue utilizing smart card data*	2015
M Dodgson, D Gann, S MacAulay, A Davies	Innovation strategy in new transportation systems: The case of Crossrail*	2015
K M Kim, S Hong, S Ko, D Kim	Does crowding affect the path choice of metro passengers?*	2015
D A. Hensher, C Ho, C Mulley	Identifying resident preferences for bus-based and rail-based investments as a complementary buy in perspective to inform project planning prioritisation*	2015
M Pternea, K Kepaptsoglou, M G Karlaftis	Sustainable urban transit network design*	2015
W Xu, Y Ding, J Zhou, Y Li	Transit accessibility measures incorporating the temporal dimension*	2015
M Rojo, L dell'Olio, H Gonzalo-Orden, A Ibeas	Inclusion of quality criteria in public bus service contracts in metropolitan areas*	2015
D Hernández, J C Muñoz, R Giesen, F Delgado	Analysis of real-time control strategies in a corridor with multiple bus services*	2015
C Winkler	Transport user benefits calculation with the “Rule of a Half” for travel demand models with constraints*	2015
C Brakewood, F Rojas, P C Zegras, K Watkins, J Robin	An Analysis of Commuter Rail Real-Time Information in Boston	2015
D Yook, K Heaslip	Effective Modeling for a Distance-Based Fare Structure with a Time-Expanded Network	2015
A Nikitas, M Karlsson	A Worldwide State-of-the-Art Analysis for Bus Rapid Transit: Looking for the Success Formula	2015
C T Olwert, J Tchopourian, V O Arellano, M G Woldeamanuel	Stranding Cycling Transit Users on Los Angeles’ Orange Line Bus Rapid Transit	2015
L E Ramos-Santiago, J Brown, H Nixon	A Cautionary Tale of Two Streetcars: Little Rock’s River Rail and Tampa’s TECO Line	2015
P Balasubramanian, K R Rao	An Adaptive Long-Term Bus Arrival Time Prediction Model with Cyclic Variations	2015
Y Shifan, Y Barlach, D Shefer	Measuring Passenger Loyalty to Public Transport Modes	2015
G C Wellman	Citizens or Customers? Transit Agency Approaches to Community Engagement	2015
G M Havârneanu, J Burkhardt, F Paran	A systematic review of the literature on safety measures to prevent railway suicides and trespassing accidents*	2015
A Mouwen	Drivers of customer satisfaction with public transport services*	2015
Z Li, Q Guo, W H K Lam, S C Wong	Transit technology investment and selection under urban population volatility: A real option perspective*	2015
Y Cheng, S Chen	Perceived accessibility, mobility, and connectivity of public transportation systems*	2015
L Di Pietro, R G Mugion, G Mattia, M F Renzi, M Toni	The Integrated Model on Mobile Payment Acceptance (IMMPA): An empirical application to public transport*	2015
H Larrain, J C Muñoz, R Giesen	Generation and design heuristics for zonal express services*	2015
A Salem I Almselati, R A b OK Rahmat, O Jaafar, H AM Yahia	Using spike model to reduce traffic congestion and improve public transportation in Malaysia*	2015
J de Abreu e Silva, F Moura, B Garcia, R Vargas	Influential vectors in fuel consumption by an urban bus operator: Bus route, driver behavior or vehicle type?*	2015
S Seriani, R Fernández	Planning guidelines for metro–bus interchanges by means of a pedestrian microsimulation model*	2015
J Eagling, T Ryley	An investigation into the feasibility of increasing rail use as an alternative to the car*	2015
A Loukaitou-Sideris, B D Taylor, C Turley	Passenger Flows in Underground Railway Stations and Platforms	2015
S A Kashfi, J M Bunker, T Yigitcanlar	Understanding the effects of complex seasonality on suburban daily transit ridership*	2015
B Alam, H Nixon, Q Zhang	Investigating the Determining Factors for Transit Travel Demand by Bus Mode in US Metropolitan Statistical Areas	2015



H Nixon, M Boarnet, D Houston, S Spears, J Lee	Changes in Transit Use and Service and Associated Changes in Driving Near a New Light Rail Transit Line	2015
P R Koster, H R A Koster	Commuters' preferences for fast and reliable travel: A semi-parametric estimation approach*	2015
X Yang, A Chen, X Li, B Ning, T Tang	An energy-efficient scheduling approach to improve the utilization of regenerative energy for metro systems*	2015
R Fernández, A Valencia, S Seriani	On passenger saturation flow in public transport doors*	2015
Ö Şimşekoğlu, T Nordfjærn, T Rundmo	The role of attitudes, transport priorities, and car use habit for travel mode use and intentions to use public transportation in an urban Norwegian public*	2015
Y Chiou, R Jou, C Yang	Factors affecting public transportation usage rate: Geographically weighted regression*	2015
F Sari	Public transit and labor market outcomes: Analysis of the connections in the French agglomeration of Bordeaux*	2015
C Zhang, Z Juan, G Xiao	Do contractual practices affect technical efficiency? Evidence from public transport operators in China*	2015
M D'Lima, F Medda	A new measure of resilience: An application to the London Underground	2015
J de Oña, R de Oña, L Eboli, G Mazzulla	Index numbers for monitoring transit service quality*	2015
S J Berrebi, K E Watkins, J A Laval	A real-time bus dispatching policy to minimize passenger wait on a high frequency route*	2015
X Wan, Q Li, J Yuan, P M Schonfeld	Metro passenger behaviors and their relations to metro incident involvement*	2015
E Heinen, K Chatterjee	The same mode again? An exploration of mode choice variability in Great Britain using the National Travel Survey	2015
Y Lai, Y Liu, Y Lin	Standardization of capacity unit for headway-based rail capacity analysis*	2015
A Stelzer, F Englert, S Hörold, C Mayas	Improving service quality in public transportation systems using automated customer feedback*	2015
A W Agrawal, S Granger-Bevan, G Newmark, H Nixon	Comparing Data Quality and Cost from Three Modes of On-Board Transit Passenger Surveys	2015
K E Watkins, Y Xu, S Bregman, K Coffel	Use of Web-Based Rider Feedback to Improve Public Transit Services	2015
J Weng, Y Zheng, X Qu, X Yan	Development of a maximum likelihood regression tree-based model for predicting subway incident delay*	2015
K An, H K Lo	Robust transit network design with stochastic demand considering development density*	2015
A Fonzone, J Schmöcker, R Liu	A model of bus bunching under reliability-based passenger arrival patterns*	2015
M Maness, C Cirillo, E R Dugundji	Generalized behavioral framework for choice models of social influence: Behavioral and data concerns in travel behavior*	2015
D Hanumappa, P Ramachandran, T G Sitharam, S Lakshmana	Performance Evaluation of Bangalore Metropolitan Transport Corporation: An Application of Data Envelopment Analysis	2015
Y Huo, J Zhao, J Zhang, F Qiu	Development of Level-of-Service Criteria based on a Single Measure for BRT in China	2015
H Pang, J Jiao	Impacts of Beijing Bus Rapid Transit on Pre-owned Home Values	2015
S Wright	A European Model for Public Transport Authorities in Small and Medium Urban Areas	2015
N Marteache, G Bichler, J Enriquez	Mind the Gap: Perceptions of Passenger Aggression and Train Car Supervision in a Commuter Rail System	2015
E M Washing, S S Pulugurtha	Well-to-Wheel Analysis of Electric and Hydrogen Light Rail	2015
Y Lee, J Y Choi, J W Yu, K Choi	Geographical Applications of Performance Measures for Transit Network Directness	2015
L Heilig, S Voß	A Scientometric Analysis of Public Transport Research	2015
H Orth, O Frei, U Weidmann	Effects of non-aeronautical activities at airports on the public transport access system: A case study of Zurich Airport*	2015

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