



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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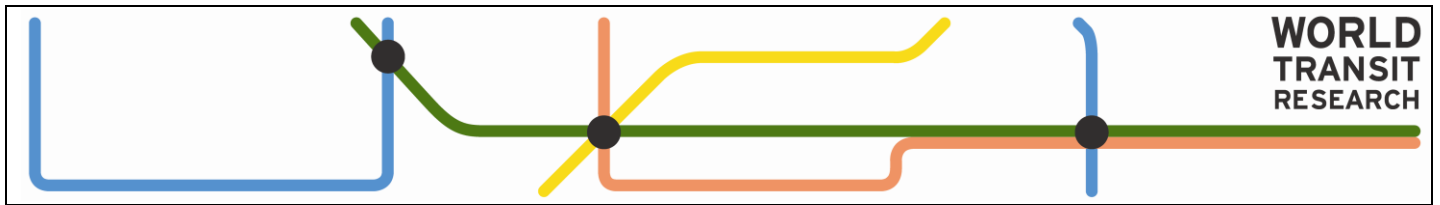
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MONASH University



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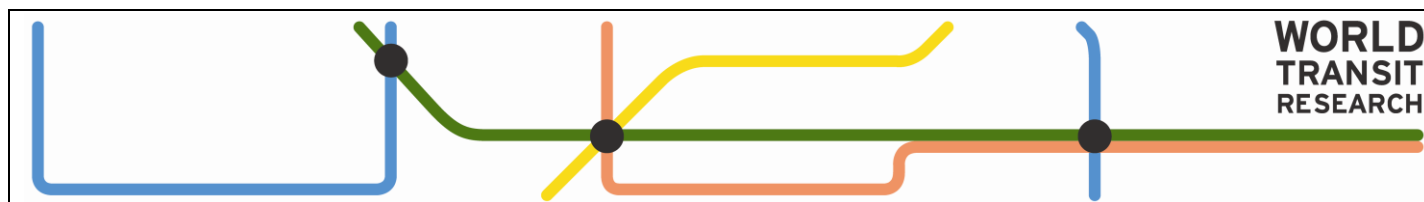
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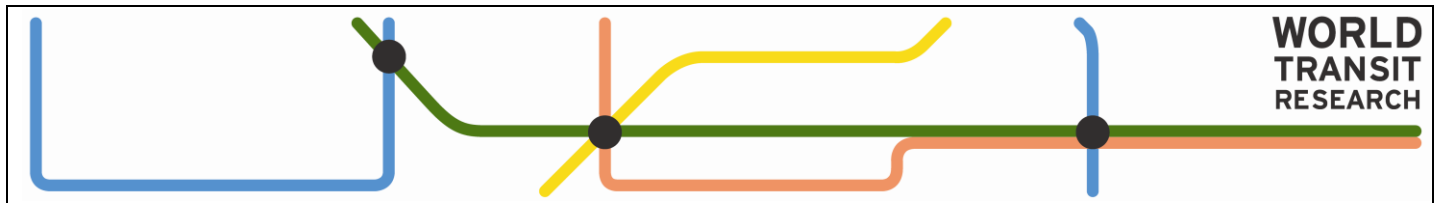
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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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 |



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| 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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