



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

3-1-2013

March 2013 World Transit Research Newsletter

Institute of Transport Studies, Monash University

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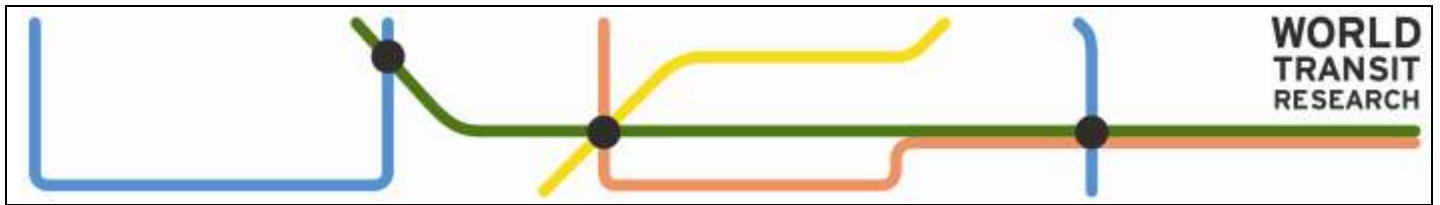
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MONASH University



World Transit Research

March 2013 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the sixteenth 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 4,670 research reports/papers. Some 83 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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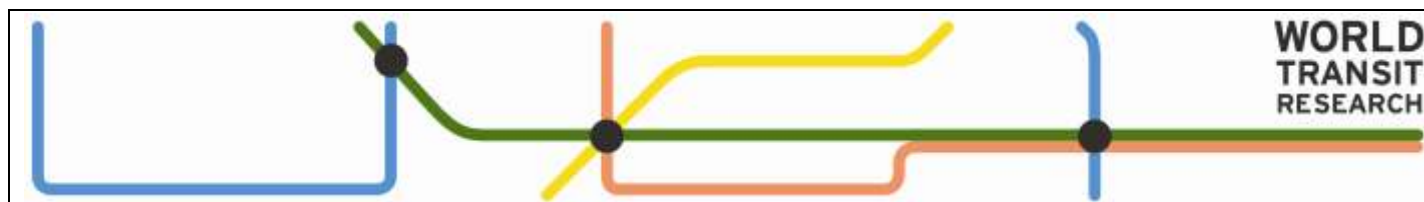
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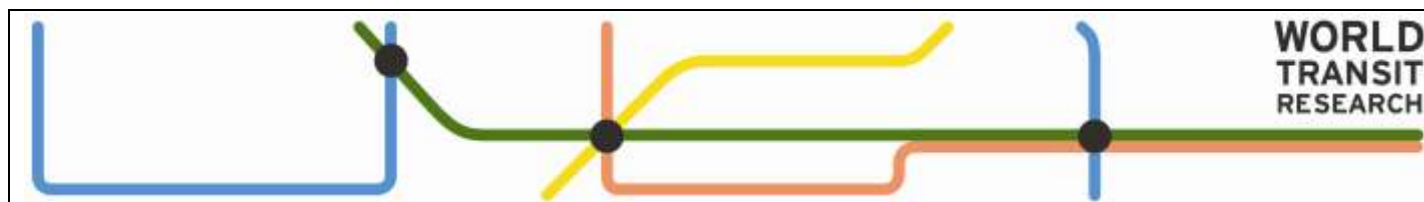
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

Pauline Forbes
Research Clearing House Manager
enquiries@worldtransitresearch.info
PH +61 3 9905 5568 Fax: +61 3 9905 4944

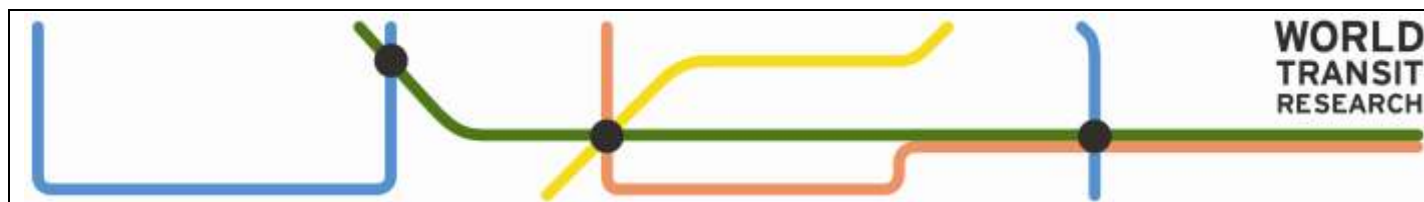


WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

| AUTHOR | TITLE | DATE |
|---|--|------|
| L Redman, M Friman, T Gärling, T Hartig | Quality attributes of public transport that attract car users: A research review * | 2013 |
| S P Blainey, J M Preston | A GIS-based appraisal framework for new local railway stations and services * | 2013 |
| Tim Hazledine, S Donovan, J Bolland | The contribution of public transport to economic productivity | 2013 |
| S Donovan, I Munro | Impact of urban form of transport and economic outcomes | 2013 |
| S A Mamun, N E Lowmes, J P Osleeb, K Bertolaccini | A method to define public transit opportunity space * | 2013 |
| F J Navarrete, J de Dios Ortúzar | Subjective valuation of the transit transfer experience: The case of Santiago de Chile * | 2013 |
| J Risco, P Ruiz, A Mariños, A Juarez, M Ramos, F Salmavides, J Vega, H Kruger, D Vizcarra | Excessive sleepiness prevalence in public transportation drivers of a developing country * | 2013 |
| J Dols, V Pons, E Alcalá, B Valles, Á Martin | Analysis of dynamic behavior and safety of baby carriages in public transportation buses * | 2013 |
| M Abate, M Lijesen, E Pels, A Roelevelt | The impact of reliability on the productivity of railroad companies * | 2013 |
| T Schelenz, Á Suescun, M A Karlsson, L Wikström | Decision making algorithm for bus passenger simulation during the vehicle design process * | 2013 |
| M Duncan, R K Christensen | An analysis of park-and-ride provision at light rail stations across the US * | 2013 |
| J Piening, T Ehrmann, B Meiseberg | Competing risks for train tickets – An empirical investigation of customer behavior and performance in the railway industry * | 2013 |
| N Foth, K Manaugh, A M El-Geneidy | Towards equitable transit: examining transit accessibility and social need in Toronto, Canada * | 2013 |
| C Mulley, R Tyson, P McCue, C Rissel, C Munro | Valuing active travel: Including the health benefits of sustainable transport in transportation appraisal frameworks * | 2013 |
| C A Hale | History and prospects of the rail station * | 2013 |
| C C Cantarelli, C G Chorus, S W Cunningham | Explaining cost overruns of large-scale transportation infrastructure projects using a signaling game * | 2013 |
| C Hale, S Eagleson | Passenger rail in Melbourne – new challenges in a new century * | 2013 |
| A Tirachini | Bus dwell time: the effect of different fare collection systems, bus floor level and age of passengers * | 2013 |
| H Nishiuchi, J King, T Todoroki | Spatial-Temporal daily frequent trip pattern of public transport passengers using smart card data * | 2013 |
| D A Hensher, J M Rose, W Leong, A Tirachini, Z Li | Choosing public transport – incorporating richer behavioural elements in modal choice models * | 2013 |
| C Román, J C Martin, R Espino | Using stated preferences to analyse the service quality of public transport * | 2013 |
| A Stathopoulos, E Marcucci | De Gustibus Disputandum Est: Non-Linearity in Public Transportation service quality evaluation * | 2013 |
| B Nahmias-Biran, N Sharaby, Y Shiftan | Equity aspects in Transportation projects: Case study of transit fare change in Haifa * | 2013 |
| A Stathopoulos, E Marcucci | Editorial for special issue “Measuring service quality and local public transport performance” * | 2013 |
| D A Hensher | The relationship between bus contract costs, user perceived service quality and performance assessment * | 2013 |
| Rail Safety and Standards Board Ltd | Train driver selection: implementation phase – Summary report | 2013 |
| E I Diab, A M El-Geneidy | Variation in bus transit service: understanding the impacts of various improvement strategies on transit service reliability * | 2013 |
| X C Wang, J A González | Assessing feasibility of electric buses in small and medium-sized communities * | 2013 |
| C Q Ho, C Mulley | Multiple purposes at single destination: A key to better understanding of the relationship between tour complexity and mode choice * | 2013 |
| S S Lee, M L Senior | Do light rail services discourage car ownership and use? Evidence from census data for four English cities * | 2013 |



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| D Forsey, K N Habib, E J Miller, A Shalaby | Evaluating the impacts of a new transit system on commuting mode choice using a GEV model estimated to revealed preference data: A case study of the VIVA system in York region Ontario * | 2013 |
| L Gamberini, A Spagnolli, A Miotto, E Ferrari, N Corradi, S Furlan | Passengers' activities during short trips on the London Underground * | 2013 |
| J C Muñoz, C E Cortés, R Giesen, D Sáez, F Delgado, F Valencia, A Cipriano | Comparison of dynamic control strategies for transit operations * | 2013 |
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| V Reis, F Meier, G Pace, R Palacin | Rail and multi-modal transport * | 2013 |
| M M Haque, H C Chin, A K Debnath | Sustainable, safe, smart-three key elements of Singapore's evolving transport policies * | 2013 |
| S Chan, L F Miranda-Moreno, A Alam, M Hatzopoulou | Assessing the impact of bus technology on greenhouse gas emissions along a major corridor: A lifecycle analysis * | 2013 |
| H H Hochmair | Assessment of bicycle service areas around transit stations * | 2013 |
| A Ceder, S Chowdhury, N Taghipouran, J Olsen | Modelling public-transport users' behavior at connection point * | 2013 |
| C F Chen, Y L Kao | The connection between the hassles-burnout relationship, as moderated by coping, and aberrant behaviors and health problems among bus drivers * | 2013 |
| C Gordon, C Mulley, N Stevens, R Daniels | Public-private contracting and incentives for public transport: Can anything be learned from the Sydney Metro experience? * | 2013 |
| C Lee, Z Wang | Assessing the impact of proposed transit investments and public policy choices on land use patterns | 2012 |
| J R Brown, D Neog | Central Business Districts and transit ridership: A reexamination in the relationship in the US | 2012 |
| R Daniels, C Mulley | Planning public transport networks-the neglected influence of topography | 2012 |
| C M Hewitt, W E Hewitt | The effect of proximity to urban rail on housing prices in Ottawa | 2012 |
| P Metaxatos, L Dirks | Cost estimation of fare-free ADA complementary paratransit service in Illinois | 2012 |
| L van Roosmalen, D Hobson, P Karg, E DeLeo, E Porach | Transit operator evaluation of three wheelchair securement systems | 2012 |
| L Zhu, L Yu, X M Chen, J F Guo | Simulated analysis of exclusive bus lanes on expressways: Case study in Beijing, China | 2012 |
| M Karimi, D N Eder, D Eskandari, D Zou, J A Hedner, L Grote | Impaired vigilance and increased accident rate in public transport operators is associated with sleep disorders * | 2012 |
| P S Lin, A Kourtellis, M Wills | Evaluation of camera-based systems to reduce transit bus side collisions – Phase II | 2012 |
| R Sham, N Omar, D W Amat | Hot spot urban crime area for woman travellers * | 2012 |
| Y Liu, Y M Nie | Welfare effects of congestion pricing and transit services in multiclass multimodal networks * | 2012 |
| C Hale | TOD versus TAD: the great debate resolved...(?) * | 2012 |
| M Estrada, F Robusté, J Amat, H Badia, J Barceló | Optimal length of transit network with traffic performance microsimulation application to Barcelona, Spain * | 2012 |
| Z Wang, Y Chen | Development of location method for urban public transit networks based on hub-and-spoke network structure * | 2012 |
| T L Lei, Y Chen, K G Goulias | Opportunity based dynamic transit accessibility in Southern California measurement, findings and comparison with automobile accessibility * | 2012 |
| S G Lee, M Hickman, D Tong | Stop aggregation model development and application * | 2012 |
| F Devillaine, M Munizaga, M Trépanier | Detection of activities of public transport users by analyzing smart card data * | 2012 |
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| G Currie, M Sarvi | New model for secondary benefits of transit priority * | 2012 |
| C A Lewis, G C Goodwin | Impact of bus transit centers on values of nearby single-family residential land in Houston, Texas * | 2012 |
| R B Noland, S DiPetrillo, M L Lahr | Residential property values and New Jersey Transit Village Program * | 2012 |
| Y Fan, A Guthrie | Winners or losers. Resident perceptions of transit-induced neighborhood change * | 2012 |



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| E Guerra, R Cervero D Tischler | Half-Mile circle. Does it best represent transit station catchments * | 2012 |
| P C Martin, W E Hurrell | Station parking and transit-oriented design transit perspective * | 2012 |
| R Cherry, C Townsend | Assessment of potential improvements to metro-bus transfers in Bangkok, Thailand * | 2012 |
| J Holguin-Veras, J Reilly, F Aros-Vera, W Yushimito, J Isa | Park-and-ride facilities in New York city Economic analysis of alternative locations * | 2012 |
| L Chen, A J Pel, X Chen, D Sparing, I A Hansen | Determinants of bicycle transfer demand at metro stations Analysis of stations in Nanjing, China * | 2012 |
| K Kittrell | Impacts of vacant land values comparison of metro light rail station areas in Phoenix Arizona * | 2012 |
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| T Henkin, S Knapp, E Fetting, S Baker, R G Stanley | Transforming Public Transportation institutional and business models * | 2012 |
| L Tang, H Ross, Z Han | Substitution or complementarity examination of ridership effects of real-time bus information on transit rail in Chicago, Illinois * | 2012 |
| Reconnecting America | Midsize cities of the move: a look at the next generation of rapid bus, bus rapid transit and streetcar projects in the United States | 2012 |
| A Kemp, V Mollard, I Wallis | Value capture mechanisms to fund transport infrastructure | 2012 |
| N Chiabaut, X Xie, L Leclercq | Road capacity and travel times with bus lanes and intermittent priority activation * | 2012 |
| Y e Xuan, V V Gayah, M J Cassidy, C F Daganzo | Presignal used to increase bus- and car-carrying capacity at intersections theory and experiment * | 2012 |
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| S Q Huang, A Shalaby, R Bissessar | Impacts of transit priority on signal coordination * | 2012 |
| J Li, W Wang, H J van Zuylen, N N Sze, X Chen, H Wang | Predictive strategy for Transit Signal Priority at fixed-time signalized intersections case study in Nanjing, China * | 2012 |

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