



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

7-1-2013

July 2013 World Transit Research Newsletter

Institute of Transport Studies, Monash University

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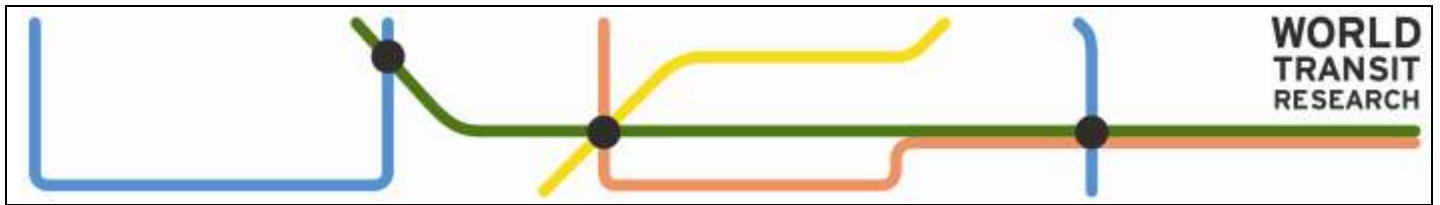
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MONASH University



World Transit Research

July 2013 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the eighteenth 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 4,787 research reports/papers. Some 55 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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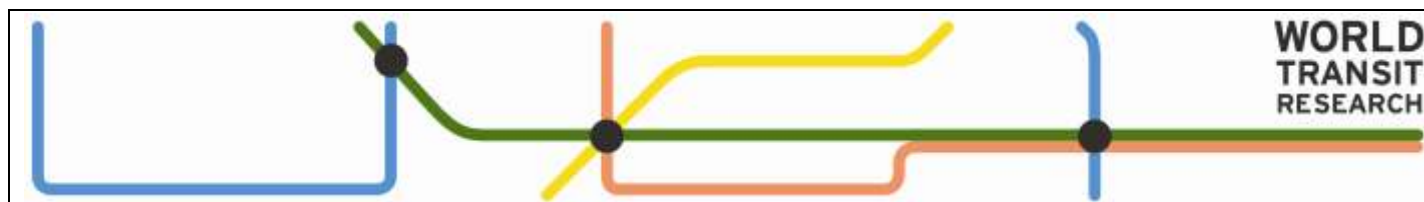
JOURNAL SUBSCRIPTIONS

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

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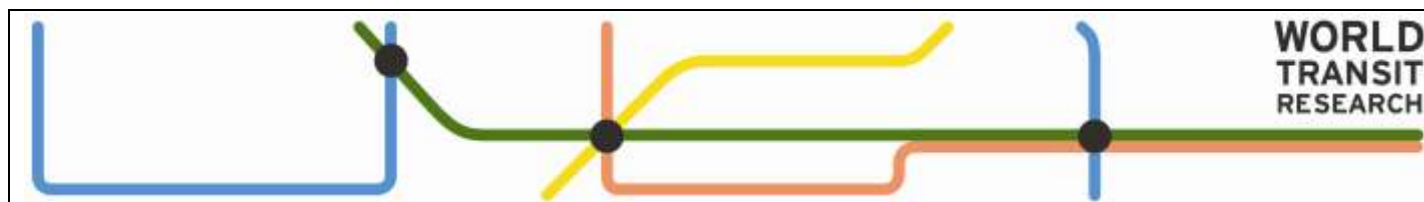
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
N Suksawang, A Gan, P Alluri, K Haleem, K Meneses, F Cevallos, D Saha	Analysis of movable bus stop boarding and alighting areas	2014
E Cascetta, A Carteni	A quality based approach to public transportation planning: Theory and case study *	2014
J Cao, J Schoner	Transportation impact of transitways: A case study of Hiawatha light rail transit in Minneapolis	2013
S L Reich, J L Davis	Quantifying the benefits of the Florida Transit Research inspection procurement services (TRIPS) program *	2013
D Matherly, J Mobley, B Wolshon, J Renne, R Thomas, E Nichols	A transportation guide for all-hazards emergency evacuation *	2013
P Metataxatos, P S Sriraj	Pedestrian/bicyclist warning devices and signs at highway-rail and pathway-rail grade crossings	2013
A Tirachini	Estimation of travel time and the benefits of upgrading the fare payment technology in urban bus services *	2013
P S Lin, A Fabregas, S Gunpinar, O Perez-Angon, B Behzadi	Recommendations for Yield-to-bus traffic control devices and bus pullout bays design characteristics	2013
J Paha, D Rompf, C Warnecke	Customer choice patterns in passenger rail competition *	2013
K Tran, S Barbeau, E Hillsman, M A Labrador	GO Sync – A framework to synchronize crowd-sourced mapping contributors from online communities and transit agency bus stop inventories *	2013
A Mroué, M Heddebaut, F Elbahhar, A Rivenq, J M Rouvaen	Automatic passenger detection in Safety critical mass transit environments *	2013
N Shiwakoti, M Sarvi	Enhancing the panic escape of crowd through architectural design *	2013
W P Nowak, I Savage	The cross elasticity between gasoline prices and transit use: Evidence from Chicago *	2013
Simon & Simon Research and Assoc Inc	Developing partnerships between transportation agencies and the disability and underrepresented communities *	2013
B Caulfield, D Bailey, S Mullarkey	Using data envelopment analysis as a public transport project appraisal tool *	2013
G Santos, H Maoh, D Potoglou, T von Brunn	Factors influencing modal split of commuting journeys in medium-size European cities *	2013
C Häll, A Peterson	Improving paratransit scheduling using ruin and recreate methods *	2013
L J Tian, H Yang, H J Huang	Tradable credit schemes for managing bottleneck congestion and modal split with heterogeneous users *	2013
P Mees, L Groenhart	Travel to work in Australian cities: 1976-2011 *	2013
B F Nielsen, L Frølich, O A Nielsen, D Filges	Estimating passenger numbers in trains using existing weighting capabilities *	2013
S Das, D Pandit	Importance of user perception in evaluating level of service for bus transit for a developing country like India: A review *	2013
H Wang, W H K Lam, X Zhang, H Shao	Sustainable transportation network design with stochastic demands and chance constraints *	2013
M Babaei, J D Schmöcker A Shariat-Mohaymany	The impact of irregular headways on seat availability *	2013
C L Schweiger	Use of electronic passenger information signage in transit *	2013
N Allison, D Lupton, I Wallis	Development of a public transport investment model	2013
S Choo, S I You, H Lee	Exploring characteristics of airport access mode choice: a case study of Korea *	2013
K Coffel	Use of market research panels in transit *	2013
M Moniruzzaman, A Pérez, K M Nurul Habib, C Morency	Mode use and trip length of seniors in Montreal *	2013
M Dijk, J de Haes, C Montalvo	Park-and-ride motivation and air quality norms in Europe *	2013
J A Goodwill, A Joslin	Forecasting paratransit services demand – Review and recommendations	2013
C F Daganzo	System optimum and pricing for the day-long commute with distributed demand, autos and transit *	2013
L W Thomas, J B McDaniel	Contractual means of achieving high-level performance in transit contracts *	2013
H Chu, P Crist, S Han, J Pourbaix, Y Kawashima	Funding urban public transport: Case study compendium	2013



S Chandra, M Ehsanul Bari, P C Devaresetty, S Vadali	Accessibility evaluations of feeder transit services *	2013
S Cafiso, A Di Graziano, G Pappalardo	Road safety issues for bus transport management *	2013
C Koopmans, W Groot, P Warffernius, J A Annema, S Hoogendoorn-Lanser	Measuring generalised transport costs as an indicator of accessibility changes over time *	2013
S Jäppinen, T Toivonen, M Salonen	Modelling the potential effect of shared bicycles on public transport travel times in Greater Helsinki: An open data approach *	2013
L de Grange, F González, J C Muñoz, R Troncoso	Aggregate estimation of the price elasticity of demand for public transit in integrated fare systems: the case of Transantiago *	2013
S Polzin, R Bunner, X Chu	Transit boardings estimation and simulation tool (TBEST) calibration for guideway and BRT modes	2013
J Zhao, W Deng	Relationship of walk access distance to rapid rail transit stations with personal characteristics and station context *	2013
Y Wang, Z Wang, Z Li, S R Staley, A T Moore, Y Gao	Study of modal shifts to Bus Rapid Transit in Chinese cities *	2013
J Wu, S Ma	Crowdedness classification method for island platform in Metro station *	2013
Y Yan, Z Liu, Q Meng, Y Jiang	Robust optimization model of bus transit network design with stochastic travel time *	2013
A L Costa, M da Conceição Cunha, P A L F Coelho, H H Einstein	Solving high-speed rail planning with the simulated annealing algorithm *	2013
N Zong, H Askarinejad, T Bandula Heva, M Dhanasekar	Service condition of railroad corridors around the insulated rail joints *	2013
A H van der Weijde, E T Verhoef, V A C van den Berg	Competition in multi-modal transport networks: A dynamic approach *	2013
B W Lane, C P Sherman	Using the Kaldor-Hicks Tableau to assess sustainability in cost-benefit analysis in transport: An example framework for rail transit *	2013
S Chen, Y Shen, X Su, H Chen	A crew scheduling with Chinese meal break rules *	2013
S Hess, J Shires, P Bonsall	A latent class approach to dealing with respondent uncertainty in a state choice survey for fare simplification on bus journeys *	2013
J Zhao, M Frumin, N Wilson, Z Zhao	Unified estimator for excess journey time under heterogeneous passenger incidence behavior using smartcard data *	2013
J Hu, Z Cheng, G Zhong, Z Huang	A calculation method and its application of bus isochrones *	2013
Rail Safety and Standards Board (RSSB)	Annual safety performance report 2012-2013	2013
J D Schmöcker, H Shimamoto, F Kurauchi	Generation and calibration of transit hyperpaths *	2013
V Trozzi, G Gentile, M Bell, I Kaparias	Dynamic user equilibrium in public transport networks with passenger congestion and hyperpaths *	2013
N Zheng, N Geroliminis	On the distribution of urban road space for multimodal congested networks *	2013

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