



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

2014

World Transit Research November 2014 Newsletter

Institute of Transport Studies Monash University

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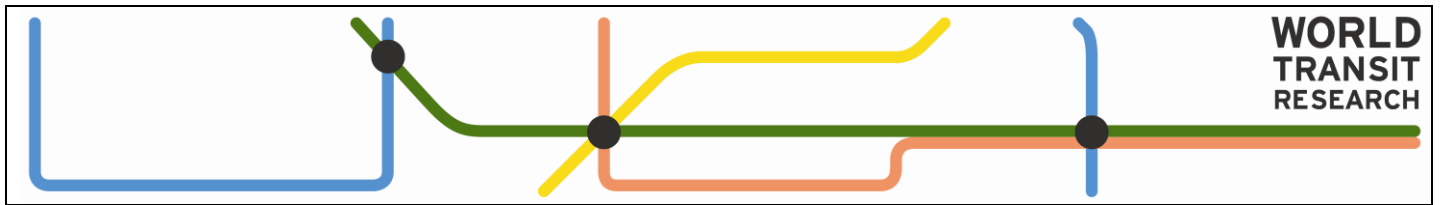
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MONASH University



World Transit Research

November 2014 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 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 5,355 research reports/papers. Some 81 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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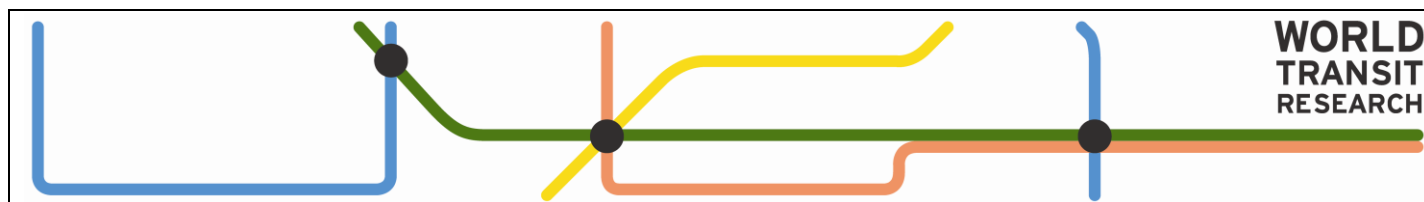
JOURNAL SUBSCRIPTIONS

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 Parbo, O A Nielsen, C G Prato	User perspectives in public transport timetable optimization*	2014
F Qiu, W Li, J Zhang	A dynamic station strategy to improve the performance of flex-route transit services*	2014
E Barrena, D Canca, L C Coelho, G Laporte	Single-line rail rapid transit timetabling under dynamic passenger demand*	2014
Z Chen, J C Xia, B Irawan, C Caulfield	Development of location-based services for recommending departure stations to park and ride users*	2014
B Du, D Z W Wang	Continuum modeling of park-and-ride services considering travel time reliability and heterogeneous commuters – A linear complementarity system approach*	2014
H T Van, K Choocharukul, S Fujii	The effect of attitudes toward cars and public transportation on behavioral intention in commuting mode choice—A comparison across six Asian countries*	2014
B Furman, L Fabian, S Ellis, P Muller, R Swenson	Automated Transit Networks (ATN): A Review of the State of the Industry and Prospects for the Future	2014
A Aguiléra, M Voisin	Urban form, commuting patterns and CO2 emissions: What differences between the municipality's residents and its jobs?*	2014
L W Thomas	Transit Public-Private Partnerships: Legal Issues	2014
T S Combs, D A Rodríguez	Joint impacts of Bus Rapid Transit and urban form on vehicle ownership: New evidence from a quasi-longitudinal analysis in Bogotá, Colombia*	2014
D Zhang, X (C) Wang	Transit ridership estimation with network Kriging: a case study of Second Avenue Subway, NYC*	2014
R Cervero, D Dai	BRT TOD: Leveraging transit oriented development with bus rapid transit investments*	2014
J Eliasson, M Börjesson	On timetable assumptions in railway investment appraisal*	2014
B Barabino, S Salis, B Useli	Fare evasion in proof-of-payment transit systems: Deriving the optimum inspection level*	2014
S Soylu	The effects of urban driving conditions on the operating characteristics of conventional and hybrid electric city buses*	2014
K Zhang, K Zhou, F Zhang	Evaluating bus transit performance of Chinese cities: Developing an overall bus comfort model*	2014
F Leurent, E Chandakas, A Poulhès	A traffic assignment model for passenger transit on a capacitated network: Bi-layer framework, line sub-models and large-scale application*	2014
O J Ibarra-Rojas, R Giesen, Y A Rios-Solis	An integrated approach for timetabling and vehicle scheduling problems to analyze the trade-off between level of service and operating costs of transit networks*	2014
S Kaplan, J de Abreu e Silva, F Di Ciommo	The relationship between young people's transit use and their perceptions of equity concepts in transit service provision*	2014
S M M Amiripour, A Ceder, A S Mohaymany	Designing large-scale bus network with seasonal variations of demand*	2014
O Cats	Regularity-driven bus operation: Principles, implementation and business models*	2014
L A Lindau, D Hidalgo, A de Almeida Lobo	Barriers to planning and implementing Bus Rapid Transit systems*	2014
A Rizvi, E Sclar	Implementing bus rapid transit: A tale of two Indian cities*	2014
C Brakewood, S Barbeau, K Watkins	An experiment evaluating the impacts of real-time transit information on bus riders in Tampa, Florida*	2014
A Singhal, C Kamga, A Yazici	Impact of weather on urban transit ridership*	2014
I Tiznado, P Galilea, F Delgado, M Niehaus	Incentive schemes for bus drivers: The case of the public transit system in Santiago, Chile*	2014
C Ho, C Mulley	Metrobuses in Sydney: How high capacity and high frequency services are benefiting the Metropolitan fringe*	2014
B F d'Arcier	Measuring the performance of urban public transport in relation to public policy objectives*	2014
W Veeneman, D van de Velde	Developments in public transport governance in the Netherlands: A brief history and recent developments*	2014

I P Wallis, D J Bray	The contracting of urban bus services – recent Australian developments*	2014
D Hidalgo, R King	Public transport integration in Bogotá and Cali, Colombia – Facing transition from semi-deregulated services to full regulation citywide*	2014
P Mackie, T Worsley, J Eliasson	Transport appraisal revisited*	2014
A Wretstrand, B Holmberg, M Berntman	Safety as a key performance indicator: Creating a safety culture for enhanced passenger safety, comfort, and accessibility*	2014
C Mulley, J Walters	Workshop 7: Innovative finance for innovative public transport*	2014
T Nordfjærn, Ö Şimşekoğlu, T Rundmo	The role of deliberate planning, car habit and resistance to change in public transportation mode use*	2014
N van Oort	Incorporating service reliability in public transport design and performance requirements: International survey results and recommendations*	2014
GS Braut, Ø Solberg, O Njå	Organizational effects of experience from accidents. Learning in the aftermath of the Tretten and Åsta train accidents	2014
S Olsen, N Fearnley	Policy transfer of public transport funding schemes – The case of Norway*	2014
A C Morais, J G Aragão, Y Yamashita, R D Orrico, A B de Freitas Dourado	Analysing the fiscal sustainability of transit investment projects: The case of the metropolitan railway of Brasília*	2014
J Zhou, E Murphy, Y Long	Commuting efficiency in the Beijing metropolitan area: an exploration combining smartcard and travel survey data*	2014
G Georgiadis, I Politis, P Papaioannou	Measuring and improving the efficiency and effectiveness of bus public transport systems*	2014
J Cowie	Performance, profit and consumer sovereignty in the English deregulated bus market*	2014
D van de Velde	Market initiative regimes in public transport in Europe: Recent developments*	2014
J Holmgren	A strategy for increased public transport usage – The effects of implementing a welfare maximizing policy*	2014
C Schaaffkamp	How can customer focus be strengthened in competitive tendering?*	2014
A Dementiev, A Loboyko	Trusting partnerships in a regulatory game: The case of suburban railway transport in Russia*	2014
X Li, H K Lo	Energy minimization in dynamic train scheduling and control for metro rail operations*	2014
G T Clifton, C Mulley, D A Hensher	Bus Rapid Transit versus Heavy Rail in suburban Sydney – Comparing successive iterations of a proposed heavy rail line project to the pre-existing BRT network*	2014
L N Filipe, R Macário	Policy packaging in BRT projects: A methodology for case study analysis*	2014
L Sun, A Tirachini, K W Axhausen, A Erath, D-H Lee	Models of bus boarding and alighting dynamics*	2014
J Preston, T Almutairi	Evaluating the long term impacts of transport policy: The case of bus deregulation revisited*	2014
S Flügel	Accounting for user type and mode effects on the value of travel time savings in project appraisal: Opportunities and challenges*	2014
W Veeneman, J Wilschut, T Urlings, J Blank, D van de Velde	Efficient frontier analysis of Dutch public transport tendering: A first analysis*	2014
J K Stanley	Land use/transport integration: Starting at the right place*	2014
E Celik, N Aydin, A T Gumus	A multiattribute customer satisfaction evaluation approach for rail transit network: A real case study for Istanbul, Turkey*	2014
G Currie, A Delbosch	Assessing Bus Rapid Transit system performance in Australasia*	2014
D A Hensher, Z Li, C Mulley	Drivers of bus rapid transit systems – Influences on patronage and service frequency*	2014
J C Muñoz, M Batarce, D Hidalgo	Transantiago, five years after its launch*	2014
T J Ryley, P A Stanley, M P Enoc, A M Zanni, M A Quddus	Investigating the contribution of Demand Responsive Transport to a sustainable local public transport system	2014
M M Nesheli, A Ceder	Optimal combinations of selected tactics for public-transport transfer synchronization*	2014
C Nash	Appraisal in the rail sector: General issues and British experience in dealing with them*	2014

M Beecroft, K Pangbourne	Future prospects for personal security in travel by public transport	2014
T Flint, A Ben-Amos, P Ellis, G R Krykewycz	Piloting Low-Cost Transit Service Enhancements Through Agency Collaboration*	2014
S Wright, C D Emele, M Fukumoto, N R Velaga, J D Nelson	The design, management and operation of flexible transport systems: Comparison of experience between UK, Japan and India	2014
X Li, J Preston	Assessing the financial and social costs of public transport in differing operating environments and with endogenous demand*	2014
A Herbon, Y Hadas	Determining optimal frequency and vehicle capacity for public transit routes: A generalized newsvendor model*	2015
S Soylu	Development of PN emission factors for the real world urban driving conditions of a hybrid city bus*	2015
F Zhang, H Yang, W Liu	The Downs–Thomson Paradox with responsive transit service*	2014
L Zhang, H Yang, D Wu, D Wang	Solving a discrete multimodal transportation network design problem*	2014
Y Song, A Hickford, J Preston	Delivering sustainable public transport: The case of the Better Bus Area Fund*	2014
T Rye, A Wretstrand	Converging structures? Recent regulatory change in bus-based local public transport in Sweden and England*	2014
Y Kwon	Sejong Si (City): are TOD and TND models effective in planning Korea’s new capital?*	2014
A de Palma, M Kilani, S Proost	Discomfort in mass transit and its implication for scheduling and pricing*	2015
M Börjesson, R D Jonsson, M Lundberg	An ex-post CBA for the Stockholm Metro*	2014
S Robinson, B Narayanan, N Toh, F Pereira	Methods for pre-processing smartcard data to improve data quality*	2014
M Kouwenhoven, G C de Jong, P Koster, V A C van den Berg, E T Verhoef, J Bates, P M J Warffemius	New values of time and reliability in passenger transport in The Netherlands*	2014
A Ka'bange, D Mfinanga, E Hema	Paradoxes of establishing mass rapid transit systems in african cities – A case of Dar es Salaam Rapid Transit (DART) system, Tanzania*	2014
A Henao, D Piatkowski, K S Luckey, K Nordback, W E Marshall, K J Krizek	Sustainable transportation infrastructure investments and mode share changes: A 20-year background of Boulder, Colorado*	2015
E Cooper, M Arioli, A Carrigan, L A Lindau	Exhaust emissions of transit buses: Brazil and India case studies*	2014
L Eboli, G Mazzulla	Investigating the heterogeneity of bus users' preferences through discrete choice modelling	2014
R Chan, J L Schofer	Role of Social Media in Communicating Transit Disruptions*	2014

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