



**Institute of Transport Studies (Monash)**  
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash  
University  
World Transit Research**

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World Transit Research Newsletter

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9-2014

# World Transit Research September 2014 Newsletter

Institute of Transport Studies Monash University

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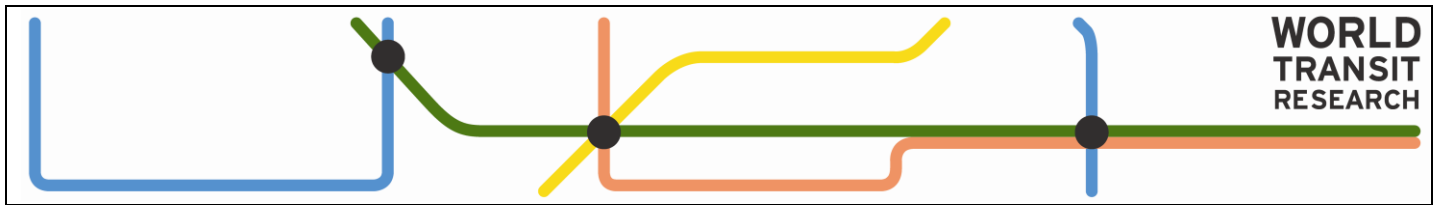
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**MONASH** University



## World Transit Research

### September 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 5273 research reports/papers. Some 51 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](http://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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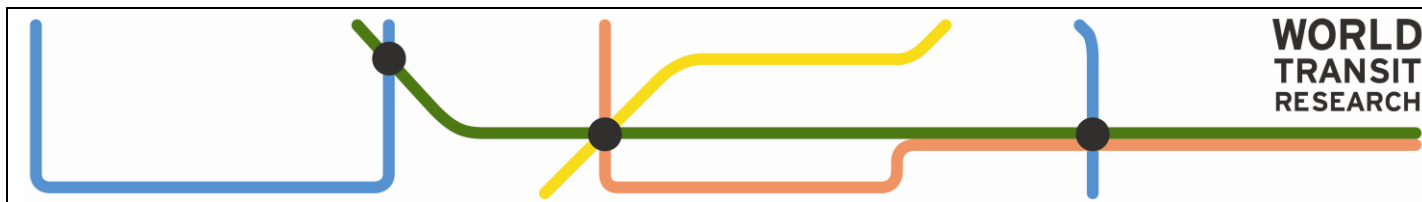
#### **JOURNAL SUBSCRIPTIONS**

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](mailto:enquiries@worldtransitresearch.info)

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## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
J P Bocarejo, I J Portilla, J M Velásquez, M N Cruz, A Peña, D R Oviedo	<a href="#">An innovative transit system and its impact on low income users: the case of the Metrocable in Medellín*</a>	2014
W Liu, J Teng	<a href="#">Analysis and Optimization of the Capacity Bottlenecks of Elevated Bus Rapid Transit System*</a>	2014
E W Martin, S A Shaheen	<a href="#">Evaluating public transit modal shift dynamics in response to bikesharing: a tale of two U.S. cities*</a>	2014
A I Kay, R B Noland, S DiPetrillo	<a href="#">Residential property valuations near transit stations with transit-oriented development*</a>	2014
L Sun, J G Jin, D-H Lee, K W Axhausen, A Erath	<a href="#">Demand-driven timetable design for metro services*</a>	2014
T Liu, A Ceder, J Ma, W Guan	<a href="#">CBVC-B: A System for Synchronizing Public-transport Transfers Using Vehicle-to-Vehicle Communication*</a>	2014
S Shiravi, M Zhong, F Hosseini	<a href="#">Using LiDAR Data for Measuring Transit Stop Coverage*</a>	2014
T Lin, J Xia, T P Robinson, K G Goulias, R L Church, D Oлару, J Tapin, R Han	<a href="#">Spatial analysis of access to and accessibility surrounding train stations: a case study of accessibility for the elderly in Perth, Western Australia*</a>	2014
M Kimball, M Chester, C Gino, J Reyna	<a href="#">Assessing the Potential for Reducing Life-Cycle Environmental Impacts through Transit-Oriented Development Infill along Existing Light Rail in Phoenix*</a>	2013
O T Stewart, A V Moudon	<a href="#">Using the built environment to oversample walk, transit, and bicycle travel*</a>	2014
A Alam, E Diab, A M El-Geneidy, M Hatzopoulou	<a href="#">A simulation of transit bus emissions along an urban corridor: Evaluating changes under various service improvement strategies*</a>	2014
M Jaśkiewicz, T Besta	<a href="#">Heart and mind in public transport: Analysis of motives, satisfaction and psychological correlates of public transportation usage in the Gdańsk–Sopot–Gdynia Tricity Agglomeration in Poland*</a>	2014
L Rotaris, R Danielis	<a href="#">The impact of transportation demand management policies on commuting to college facilities: A case study at the University of Trieste, Italy*</a>	2014
E St-Louis, K Manaugh, D van Lierop, A El-Geneidy	<a href="#">The happy commuter: A comparison of commuter satisfaction across modes*</a>	2014
Y Ouyang, S M Nourbakhsh, M J Cassidy	<a href="#">Continuum approximation approach to bus network design under spatially heterogeneous demand*</a>	2014
S Bubeck, J Tomaschek, U Fahl	<a href="#">Potential for mitigating greenhouse gases through expanding public transport services: A case study for Gauteng Province, South Africa*</a>	2014
T Nordfjærn, Ö Şimşekoğlu, H B Lind, S H Jørgensen, T Rundmo	<a href="#">Transport priorities, risk perception and worry associated with mode use and preferences among Norwegian commuters*</a>	2014
S Tao, D Rohde, J Corcoran	<a href="#">Examining the spatial-temporal dynamics of bus passenger travel behaviour using smart card data and the flow-comap*</a>	2014
S Nurlaela, A Pamungkas	<a href="#">Assessing the Impact of Accessibility Improvement on Property Value Capitalization Post Perth – Mandurah Railway Opening*</a>	2014
C De Gruyter, G Rose, G Currie	<a href="#">Securing travel plans through the planning approvals process: A case study of practice from Victoria, Australia*</a>	2014
J Weng, Y Zheng, X Yan, Q Meng	<a href="#">Development of a subway operation incident delay model using accelerated failure time approaches*</a>	2014
J McIntosh, R Trubka, P Newman	<a href="#">Can value capture work in a car dependent city? Willingness to pay for transit access in Perth, Western Australia*</a>	2014
S Farber, K Bartholomew, X Li, A Páez, K M Nurul Habib	<a href="#">Assessing social equity in distance based transit fares using a model of travel behavior*</a>	2014
A Golub, K Martens	<a href="#">Using principles of justice to assess the modal equity of regional transportation plans*</a>	2014
K Lowe	<a href="#">Bypassing Equity? Transit Investment and Regional Transportation Planning*</a>	2014
A Loukaitou-Sideris, A Schaffer	<a href="#">Too Loud to Hear the Train! Noise Assessment, Implications, and Mitigation Strategies on Light Rail Platforms*</a>	2014
A Misra, A Gooze, K Watkins, M Asad, C A Le Dantec	<a href="#">Crowdsourcing and Its Application to Transportation Data Collection and Management*</a>	2014
C L Ketcherside, M Menon	<a href="#">Valley Metro Organizational Integration Advancing the Future of Transportation in the Metropolitan Area of Phoenix, Arizona*</a>	2014
T Spurr, R Chapleau, D Piché	<a href="#">Use of Subway Smart Card Transactions for the Discovery and Partial Correction of Travel Survey Bias*</a>	2014
L Schmitt, S Harris, G Currie	<a href="#">Adapting an Online Transit Journey Planner into a Low-Cost Travel Survey</a>	2014

	<a href="#">Tool*</a>	
Y Bai, L Kattan	<a href="#">Modeling Riders' Behavioral Responses to Real-Time Information at Light Rail Transit Stations*</a>	2014
B S di Teulada, C R Bhat, I Meloni	<a href="#">Modeling the Propensity to Use a Sustainable Mode in the Context of a Program of Voluntary Change in Travel*</a>	2014
I Casas, E C Delmelle	<a href="#">Identifying dimensions of exclusion from a BRT system in a developing country: a content analysis approach*</a>	2014
J Raine, A Withill, M Morecock Eddy	<a href="#">Literature review of the costs and benefits of traveller information projects</a>	2014
S L Reich, A Kolpakov	<a href="#">Investigation, Quantification, and Recommendations – Performance of Alternatively Fueled Buses</a>	2014
V V Gayah, K Stieffenhofer, V Shankar	<a href="#">How can we maximize efficiency and increase person occupancy at overcrowded park and rides?</a>	2014
X Zeng, K Balke, P Songchitruksa, Y Zhang	<a href="#">A Real-time Transit Signal Priority Control System that Considers Stochastic Bus Arrival Times</a>	2014
J D Porter, D S Kim, S Ghanbartehrani	<a href="#">Proof Of Concept: GTFS Data As A Basis For Optimization Of Oregon's Regional And Statewide Transit Networks</a>	2014
Ľ Jánošíková, J Slavík, M Koháni	<a href="#">Estimation of a route choice model for urban public transport using smart card data*</a>	2014
S Bohluli, S Ardekani, F Daneshgar	<a href="#">Development and validation of a direct mode choice model*</a>	2014
J Doyle	<a href="#">Coordinating Public Transport</a>	2014
K Ozbay, E F Morgul	<a href="#">Understanding &amp; Modeling Bus Transit Driver Availability</a>	2014
L Hanifin, S Anderson, C Bernasconi, U Dutta, A Hoback, L Semple	<a href="#">Detroit Regional Transit Study: A Study of Factors that Enable and Inhibit Effective Regional Transit</a>	2014
A I Kay, R B Noland, C J Rodier	<a href="#">Transportation Futures: Policy Scenarios for Achieving Greenhouse Gas Reduction Targets</a>	2014
X Yang, G Chen, S Chen, W Wang, L Wang	<a href="#">Study on some bus transport networks in China with considering spatial characteristics*</a>	2014
L Sagaris	<a href="#">Citizen participation for sustainable transport: the case of "Living City" in Santiago, Chile (1997–2012)*</a>	2014
K Seo, A Golub, M Kuby	<a href="#">Combined impacts of highways and light rail transit on residential property values: a spatial hedonic price model for Phoenix, Arizona*</a>	2014
F E Gunawan	<a href="#">Design and Implementation of Discrete-event Simulation Framework for Modeling Bus Rapid Transit System*</a>	2014
F Qin, X Zhang, Q Zhou	<a href="#">Evaluating the impact of organizational patterns on the efficiency of urban rail transit systems in China*</a>	2014
Y O Susilo, O Cats	<a href="#">Exploring key determinants of travel satisfaction for multi-modal trips by different traveler groups*</a>	2014
S Ison, R Merkert, C Mulley	<a href="#">Policy approaches to public transport at airports—Some diverging evidence from the UK and Australia*</a>	2014

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