



**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 Newsletter

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5-1-2012

# May 2012 World Transit Research Newsletter

Institute of Transport Studies (Monash University)

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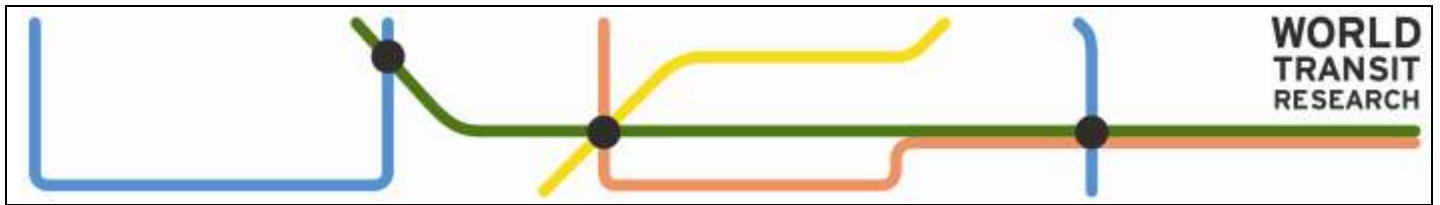
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**MONASH** University



## World Transit Research

### May 2012 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the eleventh 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 6,467 cities and towns in 171 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 ever 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 4,192 research reports/papers. Some 85 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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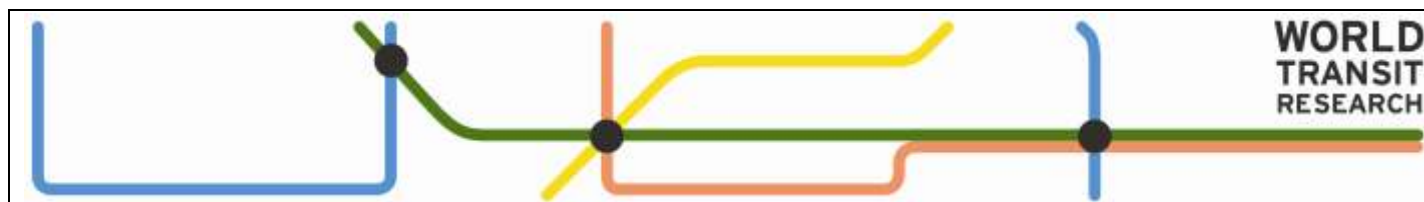
#### **JOURNAL SUBSCRIPTIONS**

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

#### **SUGGESTIONS WELCOMED**

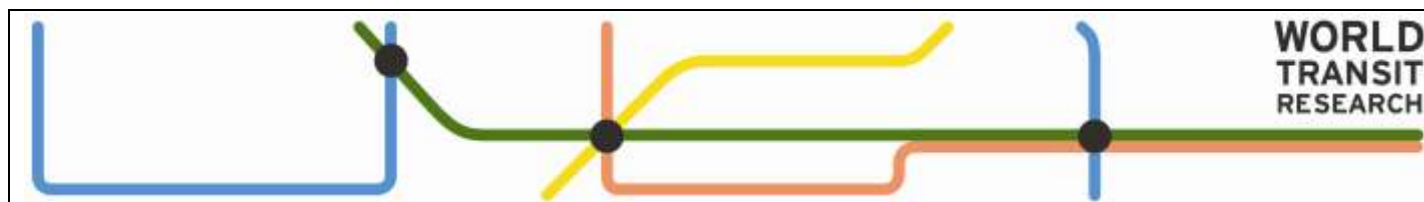
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
M Welde	<a href="#">Are smart cards ticketing systems profitable? Evidence from the city of Trondheim</a>	2012
NR Velaga, JD Nelson, SD Wright, JH Farrington	<a href="#">The potential role of Flexible Transport Services in enhancing rural public transport provision</a>	2012
V W Stover, E D McCormack	<a href="#">The impact of weather on bus ridership in Pierce County, Washington</a>	2012
M Scherer, K Dziekan	<a href="#">Bus or Rail: An approach to explain the psychological rail factor</a>	2012
S S Pulugurtha, M Agurla	<a href="#">Assessment of models to estimate bus-stop level transit ridership using spatial modeling methods</a>	2012
C Rivasplata, H Iseki, A Smith	<a href="#">Transit coordination in the U.S.: A survey of current practice</a>	2012
Q Mahboob, T Stoiber, S Gottstein, A Tsakarestos	<a href="#">An approach to calculate overall efficiency of rolling stock for an urban rail transit system</a>	2012
J R Brown, G L Thompson	<a href="#">Should Transit serve the CBD or a diverse array of destinations?</a>	2012
Z C Li, WHK Lam, SC Wong, K Choi	<a href="#">Modeling the effects of integrated rail and property development on the design of rail line services in a linear monocentric city *</a>	2012
D Ettema, M Friman, T Garling, L Olsson, S Fujii	<a href="#">How in-vehicle activities affect work commuters' satisfaction with public transport *</a>	2012
R Prud'homme, M Koning, L Lenormand, A Fehr	<a href="#">Public transport congestion costs: The case of the Paris subway *</a>	2012
K Broome, L Worrall, J Fleming, D Boldy	<a href="#">Evaluation of flexible route bus transport for older people *</a>	2012
O J Ibarra-Rojas, Y A Rios-Solis	<a href="#">Synchronization of bus timetabling *</a>	2012
O D Cardozo, J C García-Palomares, J Gutiérrez	<a href="#">Application of geographically weighted regression to the direct forecasting of transit ridership at station-level *</a>	2012
J Choi, Y J Lee, T Kim, K Sohn	<a href="#">An analysis of Metro ridership at the station-to-station level in Seoul *</a>	2012
M Moniruzzaman, A Páez	<a href="#">Accessibility to transit, by transit, and mode share: application of a logistic model with spatial filters *</a>	2012
L J Basso, S R Jara-Díaz	<a href="#">Integration congestion pricing, transit subsidies and mode choice *</a>	2012
M L Moss, C Qing	<a href="#">The emergence of the "Super-Commuter"</a>	2012
R Mu, M de Jong	<a href="#">Establishing the conditions for effective transit-oriented development in China: The case of Dalian *</a>	2012
M A Munizaga, C Palma	<a href="#">Estimation of a disaggregate multimodal public transport Origin-Destination matrix from passive smartcard data from Santiago, Chile *</a>	2012
X Chu	<a href="#">An assessment of Public Transportation Markets using NHTS data *</a>	2012
T Litman, M Brenman	<a href="#">A new social equity agenda for sustainable transportation</a>	2012
The Center for Neighborhood Technology	<a href="#">Prospering in place: Linking jobs, development and transit to spur Chicago's economy</a>	2012
R Daniels, C Mulley	<a href="#">Flexible transport services: Overcoming barriers to implementation in low-density urban areas *</a>	2012
B R Butterworth, S Dolev, BM Jenkins	<a href="#">Security awareness for public bus transportation: Case studies of attacks against the Israeli Public Bus System</a>	2012
T F Larwin, Y Koprowski	<a href="#">Off-board fare payment using proof-of-payment verification *</a>	2012
N D M Mahudin, T Cox, A Griffiths	<a href="#">Measuring rail passenger crowding: Scale development and psychometric properties *</a>	2012
A Daly, S Hess, B Patrani, D Potoglou, C Rohr	<a href="#">Using ordered attitudinal indicators in a latent variable choice model: a study of the impact of security on rail travel behavior *</a>	2012
L dell'Olio, A Ibeas, F Ruisanchez	<a href="#">Optimizing bus-size and headway in transit networks *</a>	2012
Y Tseng, P Rietveld, E T Verhoef	<a href="#">Unreliable trains and induced rescheduling: implications for cost-benefit analysis *</a>	2012
A Rabi, A de Nazelle	<a href="#">Benefits of shift from car to active transport *</a>	2012
B Schmucki	<a href="#">"If I walked on my own at night I stuck to well lit areas" Gendered spaces and urban transport in 20<sup>th</sup> century Britain *</a>	2012
J P Bocarejo, D R Oviedo	<a href="#">Transport accessibility and social inequities: a tool for identification of mobility needs and evaluation of transport investments *</a>	2012



G Tiwari, D Jain	<a href="#">Accessibility and safety indicators for all road users: case study Delhi BRT</a> *	2012
N Sipe, M I Burke	<a href="#">Can river ferries deliver smart growth? Experience of CityCats in Brisbane, Australia</a> *	2012
TCRP	<a href="#">Synthesis of information related to transit problems: 2012</a> *	2012
TRB	<a href="#">Commercial truck and bus safety synthesis Program: A Status Report 2012</a> *	2012
V J Southern, G Norris	<a href="#">Models to support state-owned park and ride lots and intermodal facilities</a> *	2012
Q Tian, H Yang, H Huang	<a href="#">Pareto efficient strategies for regulating public transit operations</a> *	2012
T Deng, J D Nelson	<a href="#">The perception of Bus Rapid Transit: A passenger survey from Beijing Southern Axis BRT Line 1</a> *	2012
B Memarian, DHS Jeong, D Uhm	<a href="#">Effects of survey techniques on on-board survey performance</a> *	2012
N Sharaby, Y Shiftan	<a href="#">The impact of fare integration on travel behavior and transit ridership</a> *	2012
J J Bartholdi III, D D Eisenstein	<a href="#">A self-coordinating bus route to resist bus bunching</a> *	2012
A Bruzzone	<a href="#">Guidelines for ferry transportation services</a> *	2012
G Golembiewski, Z Sabra, K Pecheux, J Boorse	<a href="#">Operation of light rail transit through ungated crossings at speeds over 35mph</a> *	2011
G Bruno, A Genovese, A Sgalambro	<a href="#">An extension of the schedule optimization problem at a public transit terminal to the multiple destinations case</a> *	2011
N Kliewer, B Amberg, B Amberg	<a href="#">Multiple depot vehicle and crew scheduling with time windows for scheduled trips</a> *	2011
A Amey, J Attanucci, R Mishalani	<a href="#">Real-time ridesharing opportunities and challenges in using mobile phone technology to improve rideshare services</a> *	2011
P DeCorla-Souza, W Berman, J Halkias	<a href="#">Thinking outside the box to expand metropolitan travel choices</a> *	2011
R C Hampshire, C Gaites	<a href="#">Peer-to-Peer carsharing market analysis and potential growth</a> *	2011
T Eiro, L M Martinez, J M Viegas	<a href="#">Configuration of innovative minibus service in the Lisbon, Portugal, Municipality spatial-temporal assessment</a> *	2011
D Deka, J Carnegie, M Kabak	<a href="#">Panel data analysis to identify covariates of longevity and patronage of community shuttles in New Jersey</a> *	2011
A Kourtellis, P S Lin, C Lee	<a href="#">Evaluation of video camera system to reduce side collisions of transit buses</a> *	2011
M M Rahman, L Kattan, R Tay	<a href="#">Injury risk in collisions involving buses in Albert, Canada</a> *	2011
J Mattson	<a href="#">Transportation, distance, and health care utilization for older adults in rural and small urban areas</a> *	2011
S Farmer	<a href="#">Uneven public transportation development in neoliberalizing Chicago, USA</a> *	2011
M Siemiatycki	<a href="#">Urban transportation public-private partnerships: drivers of uneven development?</a> *	2011
M Duncan	<a href="#">The synergistic influence of light rail stations and zoning on home prices</a> *	2011
H F Wilson	<a href="#">Passing propinquities in the multicultural city: the everyday encounters of bus passengering</a> *	2011
European Passenger Federation, NewRail, Trafikverket, Unife, VTI, CER, EURNEX, Signosis, Vectura	<a href="#">Ensuring sustainable (sub)urban transport (including modal shift, suburban and regional rail, light rail and metro, and sustainable urban mobility)</a>	2011

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