



**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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1-1-2013

# January 2013 World Transit Research Newsletter

Institute of Transport Studies, Monash University

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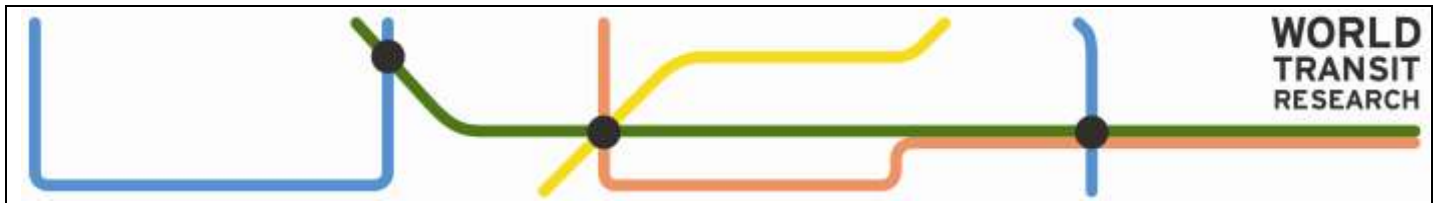
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**MONASH** University



## World Transit Research January 2013 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the fifteenth 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 4,587 research reports/papers. Some 74 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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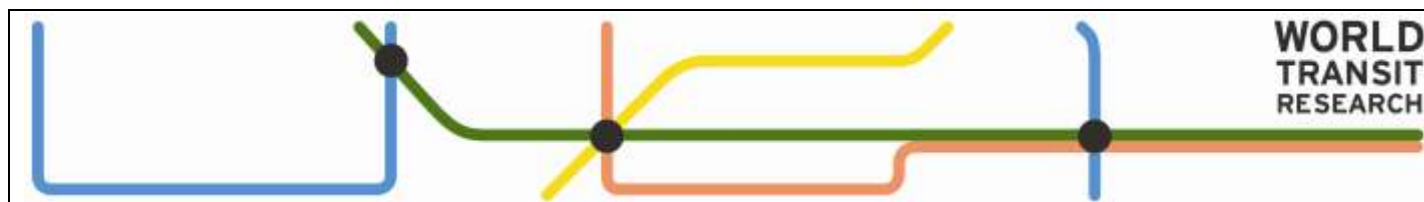
### **JOURNAL SUBSCRIPTIONS**

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

### **SUGGESTIONS WELCOMED**

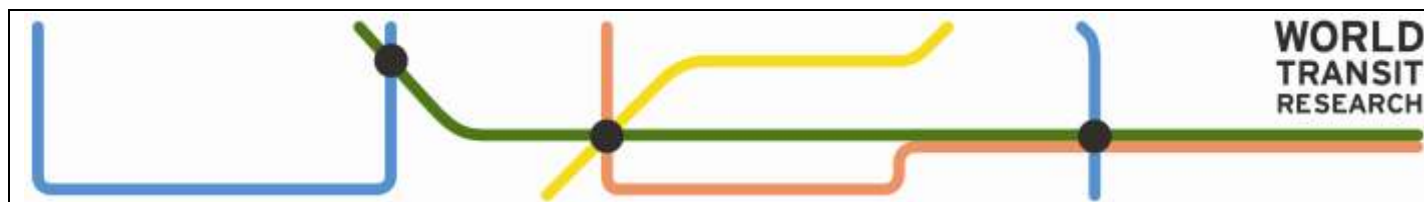
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## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
G Currie, A Delbosc, P Forbes	<a href="#">World Transit Research, trends in Need, Supply and Use</a> *	2013
V Trozzi, I Kaparias, M G Bell, G Gentile	<a href="#">A dynamic route choice model for public transport networks with boarding queues</a> *	2013
D Alderman, P Kingsbury, O J Dwyer	<a href="#">Reexamining the Montgomery Bus Boycott: Toward an empathetic pedagogy of the civil rights movement</a> *	2013
L Eriksson, M Friman, T Gärling	<a href="#">Perceived attributes of bus and car mediating satisfaction with the work commute</a> *	2012
S Mathur, C Ferrell	<a href="#">Measuring the impact of sub-urban transit-oriented developments on single-family home values</a> *	2012
S Mishra, S Sharma, S Khasnabis, T V Mathew	<a href="#">Preserving an aging transit fleet: An optimal resource allocation perspective based on service life and constrained budget</a> *	2012
G O Duarte, G A Gonçalves, T L Farias	<a href="#">Vehicle monitoring for driver training in bus companies – Application in two case studies in Portugal</a> *	2012
O Figueroa	<a href="#">Four decades of changing transport policy in Santiago, Chile</a> *	2012
G Lyons, J Jain, Y Susilo, S Atkins	<a href="#">Comparing rail passengers' travel time use in Great Britain between 2004 and 2010</a> *	2012
M Mahmoud, J Hine	<a href="#">Using AHP to measure the perception gap between current and potential users of bus services</a>	2012
I Tsapakis, B G Heydecker, T Cheng, B Anbaraglu	<a href="#">How tube strikes affect macroscopic and link travel times in London</a> *	2012
I J Andréasson	<a href="#">Personal rapid Transit as Feeder-Distributor to rail</a> *	2012
J G Allen, H S Levinson	<a href="#">Former electrified commuter railroads what are their lessons?</a> *	2012
A Salzberg, S Mehndiratta, Z Liu	<a href="#">Urban rail development in China. The challenges ahead</a> *	2012
P Holleran, M Duncan	<a href="#">Sketch-level feasibility analysis of commuter rail service between Kannapolis and Charlotte, North Carolina</a> *	2012
Y Sun, R Xu	<a href="#">Rail transit travel time reliability and estimation of passenger route choice behavior analysis using automatic fare collection data</a> *	2012
V Reis, R Macário	<a href="#">Competences gap in European Railways education</a> *	2012
X Lai, P Schonfeld	<a href="#">Optimization of rail transit alignments considering vehicle dynamics</a> *	2012
B Pender, G Currie, A Delbosc, Y Wang	<a href="#">Proactive recovery from rail disruptions through provision of track crossovers and bus bridging</a> *	2012
P M Fischhaber, B N Janson	<a href="#">Preliminary analysis of light rail crashes in Denver, Colorado. Implications for crash prediction and hazard index models based on railroads</a> *	2012
L Creemers, M Cools, H Tormans, P J Lateur, D Janssens, G Wets	<a href="#">Identifying the determinants of light rail mode choice for medium and long-distance trips. Results from a stated preference study</a>	2012
M Novales, E Conles	<a href="#">Turf Track for Light rail systems</a> *	2012
G Currie, A Delbosc, J Reynolds	<a href="#">Modeling Dwell time for Streetcars in Melbourne, Australia and Toronto, Canada</a> *	2012
D O Nelson, E Martinez, S Bonina	<a href="#">Commuter rail. Balancing freight clearance with level boarding and Americans with Disabilities Act accessibility requirements</a> *	2012
L Naegeli, U Weidmann, A Nash	<a href="#">Checklist for successful application of Tram-Train Systems in Europe</a> *	2012
T Litman	<a href="#">Toward more comprehensive and multi-modal transport evaluation</a>	2012
Y C R Lai, Y H Liu, T Y Lin	<a href="#">Development of base train equivalents to standardize trains for capacity analysis</a> *	2012
M K Sameni, J M Preston	<a href="#">Value for Railway capacity assessing efficiency of operators in Great Britain</a> *	2012
S Nurlaela, C Curtis	<a href="#">Modeling household residential location choice and travel behavior and its relationship with public transport accessibility</a> *	2012
D Alves, L M Martinez, J M Viegas	<a href="#">Retrieving real-time information to users in public transport networks: An application to the Lisbon bus system</a> *	2012
C Richter, S Keuchel	<a href="#">Deriving constructs for hierarchical information integration experiments in regional public transport</a> *	2012
J M Del Castillo, F G Benitez	<a href="#">A methodology for modeling and identifying users satisfaction issues in public transport systems based on users surveys</a> *	2012



V Ancora, C Nelli, M Petrelli	<a href="#">A microsimulation model for BRT systems analysis</a> *	2012
F B Monteiro, V B G Campos	<a href="#">A proposal of indicators for evaluation of the urban space for pedestrians and cyclists in access to mass transit station</a> *	2012
F Leurent, E Chandakas, A Poulhès	<a href="#">A passenger traffic assignment model with capacity constraints for Transit Networks</a> *	2012
F Leurent, V Benezech, F Combes	<a href="#">A stochastic model of passenger generalized time along a transit line</a> *	2012
F Ciaffi, E Cipriani, M Petrelli	<a href="#">Feeder bus network design problem: A new metaheuristic procedure and real size applications</a> *	2012
L Eboli, G Mazzulla	<a href="#">Structural equation modeling for analyzing passengers' perceptions about railway services</a> *	2012
L M Martínez, T Eiró	<a href="#">An optimization procedure to design a minibus feeder service: An application to the Sintra Rail Line</a>	
F Leurent, E Chandakas	<a href="#">The transit bottleneck model</a> *	2012
Z A H Zahabi, L Miranda-Moreno, Z Patterson, P Barla, C Harding	<a href="#">Transportation greenhouse gas emissions and its relationship with urban form, transit accessibility and emerging green technologies: A Montreal case study</a> *	2012
L de Grange, S Raveau, F González	<a href="#">A fixed point route choice model for transit networks that addresses route correlation</a>	2012
L Cadarso, A Marín	<a href="#">Recoverable robustness in rapid transit network design</a>	2012
U Eliyi, E Nasibov, M Özkılıçık, Ü Kuvvetli	<a href="#">Minimization of Fuel consumption in city bus transportation: A case study for Izmir</a>	2012
L Urbani	<a href="#">Commuters rail stations and pedestrians flows: The "Hardbrücke" station in Zurich, Switzerland</a> *	2012
S Blainey, A Hickford, J Preston	<a href="#">Barriers to passenger rail use: A review of the evidence</a>	2012
M Harvey, A Tomecki, C Teh	<a href="#">Identify, evaluate and recommend bus priority interventions</a>	2012
K A D'Souza, S K Maheshwari	<a href="#">Multivariate statistical analysis of public transit bus driver distraction</a>	2012
W Gu, M J Cassidy, V V Gayah, Y Ouyang	<a href="#">Mitigating negative impacts of near-side bus stops on cars</a> *	2012
J Xu, Y Shen	<a href="#">Setting scheduled trip time based on AVL data</a> *	2012
L Tian	<a href="#">Traffic flow simulation in a scenario with signalized intersection and bus stop</a>	2012
Y Liu, H Niu	<a href="#">Simulation and analysis of traffic flow model on Multi-platform harbor-style bus stop</a> *	2012
L Xie, N Kliewer, L Suhi	<a href="#">Integrated driver rostering problem in public bus transit</a> *	2012
Q Fu, R Liu, S Hess	<a href="#">A Review on Transit Assignment Modelling approaches to congested networks: A new perspective</a> *	2012
C Hale, M Miller	<a href="#">Amenity and opportunity at rail stations</a> *	2012
E L Hillsman, F Cevallos, T Sando	<a href="#">Carbon footprints for public transportation agencies in Florida</a> *	2012
Z Wang, J Wang, D He	<a href="#">Transit policies and potential carbon dioxide emission impacts</a> *	2012
E B Beaton, J E Barr, J V Chiaromonte, T V Orosz, D Paukowitz, A Sugiura	<a href="#">Select bus service on M15 in New York City Bus Rapid Transit partnership</a> *	2012
X Chen, L Yu, G Song, C Xian	<a href="#">Comparative study of Emissions from Bus Rapid Transit and conventional bus systems, case study from Beijing</a> *	2012
S Robinson, M Manela	<a href="#">Automatic identification of vehicles with faulty automatic vehicle location and control units in London buses iBus system</a> *	2012
M C Mekuria, P G Furth, E Melachrinoudis	<a href="#">Optimization of spacing of transit stops on a realistic street network</a> *	2012
M R McCord, R G Mishalani, X Hu	<a href="#">Grouping of bus stops for aggregation of route-level passenger origin-destination flow matrices</a> *	2012
J Schwieterman, L A Fischer	<a href="#">Competition from the Curb Survey of Passengers on Discount Curbside bus operators in Eastern and Midwestern U S cities</a> *	2012
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D Austin, P C Zegras	<a href="#">Taxicabs as public transportation in Boston, Massachusetts</a> *	2012
C W Shen, L Quadrioglio	<a href="#">Evaluation of zoning design with transfers for Paratransit services</a> *	2012
A Lubin, D Dekka	<a href="#">Role of public transportation as job access mode lessons from survey of people with disabilities in New Jersey</a> *	2012
Y H Cheng, K C Liu	<a href="#">Evaluating bicycle-transit users' perceptions of intermodal inconvenience</a> *	2012
C A Hale	<a href="#">New approaches to strategic urban transport assessment</a> *	2011
C A Hale	<a href="#">Station access and the modern transit system</a>	2011

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