



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

5-2014

World Transit Research May 2014 Newsletter

Institute of Transport Studies, Monash University

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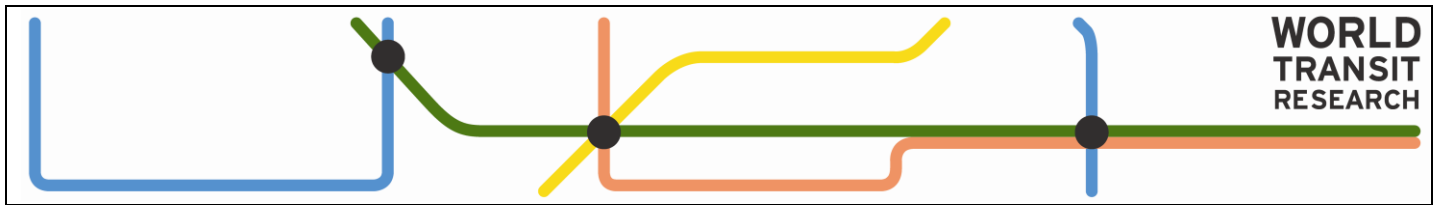
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MONASH University



World Transit Research

May 2014 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the Twentythird 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 5,163 research reports/papers. Some 73 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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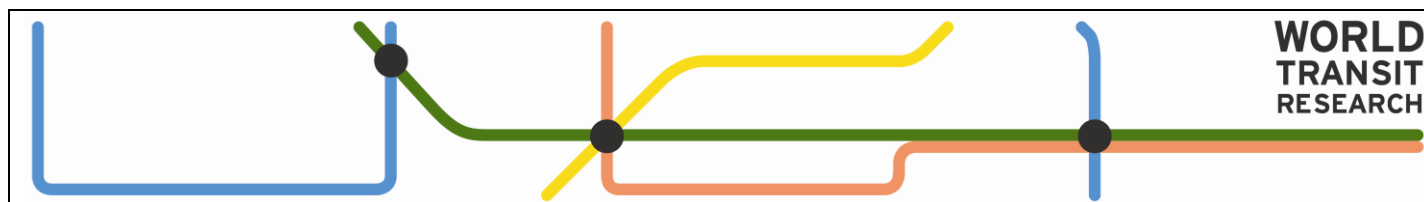
JOURNAL SUBSCRIPTIONS

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

Wendy Walker
Research Clearing House Manager
enquiries@worldtransitresearch.info
PH +61 3 9905 5568 Fax: +61 3 9905 4944



WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
W. G.Z. Tan, L. B. Janssen-Jansen, L. Bertolini	The Role of Incentives in Implementing Successful Transit-Oriented Development Strategies*	2014
V. Cacchiani, D. Huisman, M. Kidd, L. Kroon, P. Toth, L. Veelenturf, J. Wagenaar	An overview of recovery models and algorithms for real-time railway rescheduling*	2014
H. Kim, S. Kwon, S. K. Wu, K. Sohn	Why do passengers choose a specific car of a metro train during the morning peak hours?*	2014
Md. Kamruzzaman, L. Wood, J. Hine, G. Currie, B. Giles-Corti, G. Turrell	Patterns of social capital associated with transit oriented development*	2014
W. Y. Szeto, Y. Jiang	Transit assignment: Approach-based formulation, extragradient method, and paradox*	2014
N. Tilahun, Y. Fan	Transit and job accessibility: an empirical study of access to competitive clusters and regional growth strategies for enhancing transit accessibility*	2014
D. Agostino, B. Steenhuisen, M. Arnaboldi, H. de Bruijn	PMS development in local public transport: Comparing Milan and Amsterdam*	2014
S. Chen, C. Claramunt, C. Ray	A spatio-temporal modelling approach for the study of the connectivity and accessibility of the Guangzhou metropolitan network*	2014
J. Ribau, R. Viegas, A. Angelino, A. Moutinho, C. Silva	A new offline optimization approach for designing a fuel cell hybrid bus*	2014
I. Neelagama	Rapid Transit Investing in Australia's Transport Future	2014
S. Mishra, S. Sharma, T. V. Mathew, S. Khasnabis	Multiobjective Optimization Model for Transit Fleet Resource Allocation*	2014
M. Trompet, R. Parasram, R. J. Anderson	Benchmarking Disaggregate Customer Satisfaction Scores of Bus Operators in Different Cities and Countries*	2014
B. Cummins, G. Spitz, T. P. O'Malley, M. Campbell	How Close Is Close Enough?*	2014
M. Arman, S. Labi, K. C. Sinha	Perspectives of the Operational Performance of Public Transportation Agencies with Data Envelopment Analysis Technique*	2014
K. D. Zuniga, J. M. Bunker, K. Bevrani	Intraurban Rail Access Policy Implications of Five Revealed Perspectives from a Q-Sorting Exercise in Three Australian Cities*	2014
A. Barron, P. C. Melo, J. M. Cohen, R. J. Anderson	Passenger-Focused Management Approach to Measurement of Train Delay Impacts*	2014
Y. Yang, D. Gerstle, P. Widhalm, D. Bauer, M. Gonzalez	Potential of Low-Frequency Automated Vehicle Location Data for Monitoring and Control of Bus Performance*	2014
R. Nair, C. Coffey, F. Pinelli, F. Calabrese	Large-Scale Transit Schedule Coordination Based on Journey Planner Requests*	2014
T-Y. Ma, J-P. Lebacque	Dynamic System Optimal Routing in Multimodal Transit Network*	2014
J. M. Bunker	High-Load Transit Line Passenger Transmission and Productiveness Efficiencies*	2014
A. Gooze, K. E. Watkins, A. Borning	Benefits of Real-Time Transit Information and Impacts of Data Accuracy on Rider Experience*	2014
H. Orth, N. Carrasco, M. Schwertner, U. Weidmann	Calibration of a Public Transport Performance Measurement System for Switzerland*	2014
S. Srikukenthiran, D. Fisher, A. Shalaby, D. King	Pedestrian Route Choice of Vertical Facilities in Subway Stations*	2014
G. Fletcher, A. El-Geneidy	Effects of Fare Payment Types and Crowding on Dwell Time*	2014

C. Brakewood, G. Kocur	Unbanked Transit Riders and Open Payment Fare Collection*	2014
Y. Fan, A. Guthrie	Doing Business Around Transit Corridors*	2014
A. Carrel, A. Halvorsen, J. L. Walker	Passengers' Perception of and Behavioral Adaptation to Unreliability in Public Transportation*	2014
K. N. Habib, M. S. Mahmoud, J. Coleman	Effect of Parking Charges at Transit Stations on Park-and-Ride Mode Choice*	2014
P. Gallagher, W. E. Marshall, C. Atkinson-Palombo	Missing Links How Social Paths Can Improve Pedestrian Accessibility to Light Rail*	2014
R. L. Sanders, J. F. Cooper	Do All Roadway Users Want the Same Things? Results from Roadway Design Survey of San Francisco Bay Area Pedestrians, Drivers, Bicyclists, and Transit Users*	2014
S. Herrigel, M. Laumanns, A. Nash, U. Weidmann	Hierarchical Decomposition Methods for Periodic Railway Timetabling Problems*	2014
O. Fink, A. Nash, U. Weidmann	Predicting Potential Railway Operational Disruptions with Echo State Networks*	2014
Z. Zhang, H. Fujii, S. Managi	How does commuting behavior change due to incentives? An empirical study of the Beijing Subway System*	2014
S. Davor, Š. Andreja, Z. Petra	Ergo-assessment of Human Factor for Female Tram Drivers*	2014
Z. Song	Transition to a Transit City Case of Beijing*	2014
X. Zhang, Z. Liu, H. Wang	Lessons of Bus Rapid Transit from Nine Cities in China*	2014
H. Pan, Q. Shen, T. Zhao	Travel and Car Ownership of Residents near New Suburban Metro Stations in Shanghai, China*	2014
N. Duduta	Direct Ridership Models of Bus Rapid Transit and Metro Systems in Mexico City, Mexico*	2014
A. L. Doderio, J. M. Casello, A. R. Molinero Molinero, D. V. Cotera	Evaluating Private Bus Operators' Willingness to Participate in Transit Improvements in Mexico*	2014
P. K. Filho, I-S. Suh	Implementation Cost Comparison of Electric Vehicle Energy Replenishment Technologies for Public Transit Bus Systems*	2014
Z. Huang, R. Liu	Improving Rail Station Access with Feeder Bus Network Optimization and Mode Shifts*	2014
M. T. Shourijeh, A. Faghri, A. Stevanovic	Simulation-Based Planning Framework for Choosing Where to Implement Bus Signal Priority in Mixed-Mode Operations*	2014
K. C. K. Goh, G. Currie, M. Sarvi, D. Logan	Road Safety Benefits from Bus Priority An Empirical Study*	2014
E. B. Beaton, E. Bialostozky, O. Ernhofer, T. V. Orosz, T. Reiss, D. Yuratovac	Designing Bus Rapid Transit Facilities for Constrained Urban Arterials Case Study of the Selection Process for the Webster Avenue Bus Rapid Transit Running Way Design in New York City*	2014
S. Robinson	Benefits to the Academic Community of Standardization of Bus Transit Automatic Vehicle Location Data*	2014
S. Robinson	Measuring Bus Stop Dwell Time and Time Lost Serving Stop with London iBus Automatic Vehicle Location Data*	2014
L. Sun, Q. Meng, Z. Liu,	Transit Assignment Model Incorporating Bus Dwell Time*	2014
M. Medina, R. Giesen, J. C. Muñoz	Model for the Optimal Location of Bus Stops and Its Application to a Public Transport Corridor in Santiago, Chile*	2014
Y. Ji, H. M. Zhang	Dynamic Holding Strategy to Prevent Buses from Bunching*	2014
S. Hassold, A. Ceder	Public Transport Time-Tabling Based on Maximum-Load Points Using Multisize Vehicles*	2014
R. Mackett	Impact of Concessionary Bus Travel on the Well-Being of Older and Disabled People*	2014
N. Marković, S. Milinković, P. Schonfeld, Z. Drobnjak	Planning Dial-a-Ride Services Statistical and Meta-Modeling Approach*	2014
D. Edwards, K. Watkins	Comparing Fixed-Route and Demand-Responsive Feeder Transit	2014

	Systems in Real-World Settings*	
J. Becker, R. Teal, R. Mossige	Metropolitan Transit Agency's Experience Operating General-Public Demand-Responsive Transit*	2014
P-F. Kuo, C-W. Shen, L. Quadrioglio	Modeling the Spatial Effects on Demand Estimation of Americans with Disabilities Act Paratransit Services*	2014
B. Pessaro, K. F. Turnbull, C. Zimmerman	Impacts to Transit from Variably Priced Toll Lanes Results from U.S. Department of Transportation Urban Partnership Agreements*	2014
A. Ceder, S. Perera	Detecting and improving public-transit connectivity with case studies of two world sport events*	2014
Y. Wang, J. Guo, A. Ceder, G. Currie, W. Dong, H. Yuan	Waiting for public transport services: Queueing analysis with balking and renegeing behaviors of impatient passengers*	2014
M. Givoni, P. Rietveld	Do cities deserve more railway stations? The choice of a departure railway station in a multiple-station region*	2014
A. A. Israel Schwarzlose, J. W. Mjelde, R. M. Dudensing, Y. Jin, L. K. Cherrington, J. Chen	Willingness to pay for public transportation options for improving the quality of life of the rural elderly*	2014
H. Sung, K. Choi, S. Lee, SH. Cheon	Exploring the impacts of land use by service coverage and station-level accessibility on rail transit ridership*	2014
W. Clayton, E. Ben-Elia, G. Parkhurst, M. Ricci	Where to park? A behavioural comparison of bus Park and Ride and city centre car park usage in Bath, UK*	2014
S. Jain, P. Aggarwal, P. Kumar, S. Singhal, P. Sharma	Identifying public preferences using multi-criteria decision making for assessing the shift of urban commuters from private to public transport: A case study of Delhi*	2014
J. Dubé, D. Legros, M. Thériault, F. Des Rosiers	A spatial Difference-in-Differences estimator to evaluate the effect of change in public mass transit systems on house prices*	2014
R. Thomas, L. Bertolini	Beyond the Case Study Dilemma in Urban Planning: Using a Meta-matrix to Distil Critical Success Factors in Transit-Oriented Development*	2014
J. Lee	Perceived Neighborhood Environment and Transit Use in Low-Income Populations*	2014
A. Faghri, M. Venigalla	Measuring Travel Behavior and Transit Trip Generation Characteristics of Transit-Oriented Developments*	2014
P. Zhu, H. Dong, C. Wu	Do Residents of Smart Growth Neighborhoods in Los Angeles, California, Travel "Smarter"?*	2014
D. T. Aksu, S. Yilmaz	Transit coordination with heterogeneous headways*	2014
J-J. Lin, H-I. Wong	Optimization of a feeder-bus route design by using a multiobjective programming approach*	2014
L. Mendiola, P. González, À. Cebollada	The link between urban development and the modal split in commuting: the case of Biscay*	2014
X. Li, H. K. Lo	An energy-efficient scheduling and speed control approach for metro rail operations*	2014
M. Munizaga, F. Devillaine, C. Navarrete, D. Silva	Validating travel behavior estimated from smartcard data*	2014

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