Institute of Transport Studies (Monash)
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World Transit Research

World Transit Research Newsletter

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Institute of Transport Studies, Monash University

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MONASH University

World Transit Research

July 2012 Newsletter

http://www.worldtransitresearch.info

Welcome to the twelfth 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 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 4,317 research reports/papers. Some 125 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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If you have any queries or suggestions on how to improve our publication, we would love to hear from you at:
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WORLD TRANSIT RESEARCH

WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
X C Wang, J A Gonzalez	Assessing Feasibility of Electric Buses in Small and Medium-Sized Communities *	2012
C Castranier, F Paran, P Delhomme	Risk of crashing with a tram: Perceptions of pedestrians, cyclists, and motorists *	2012
D A Hensher, T P Truong, C Mulley, R Ellison	Assessing the wider economy impacts of transport infrastructure investment with an illustrative application to the North-West Rail Link project in Sydney, Australia *	2012
G P Krueger	Research on the Health and Wellness of Commercial Truck and Bus Drivers. Summary of an international conference *	2012
B Vasic, V Popovic, V R Vuchic, G Danon, A Vencl	Defining the functional and physical compatibility of a modernized tramway rolling stock with a newly planned LRT system: a case study of Belgrade *	2012
K Coffel, J Parks, C Semler, P Ryus, D Sampson, C Kachadoorian, H S Levinson, J L Schofer	Guidelines for Providing Access to Public Transportation Stations *	2012
G Murray, M E Chase, E Kim, M McBrayer	Ridesharing as a complement to Transit *	2012
C A Kozub	Practices for wayside rail transit worker protection *	2012
D Aimen, A S Morris	Practical approaches for involving traditionally underserved populations in transportation decision making *	2012
M Marshall, J F Potts, K J Cofield	State DOT financial auditing requirements for public transportation assistance programs *	2012
J Goodwill, A Reep, R Pine	Improving bus transit safety through rewards and discipline *	2012
C O'Fallon, I Wallis	A wider look at how travellers value the quality and quantity of travel time	2012
M Turner, C Kooshian, S Winkelman	Colombia's Bus Rapid Transit (BRT) development and expansion	2012
C Curtis	Transitioning to Transit-Oriented Development: the case of Perth, Western Australia *	2012
J Stone, P Mees, M Imran	Benchmarking the efficiency and effectiveness of public transport in New Zealand cities *	2012
C Rodier, M Spiller	Model-based transportation performance: A comparative framework and literature synthesis	2012
B M Jenkins, J Trella	Carnage Interrupted: An analysis of fifteen terrorist plots against public surface transportation	2012
A W Agrawal, T Goldman, N Hannaford	Shared-use bus priority lanes on city streets: Case studies in design and management	2012
M C M Guedes, N Oliveira, S Santiago, G Smirnov	On the evaluation of a public transportation network quality: Criteria validation methodology *	2012
M Grant, E Hsu, R Padgette	Survey of state funding for public transportation: Ways to improve it *	2012
M Borjesson, J Eliasson, J P Franklin	Valuations of travel time variability in scheduling versus mean-variance models *	2012
C D Nassi, F C de Carvalho da Costa	Use of the analytic hierarchy process to evaluate transit fare system *	2012
S R Jara-Diaz, A Gschwender, M Ortega	Is public transport based on transfers optimal? A theoretical investigation *	2012
S Bregman	Uses of social media in public transportation *	2012
M Panero, H S Shin, A Zedrin, S Zimmerman	Peer-to-peer information exchange on Bus Rapid Transit (BRT) and bus priority best practices	2012
I Espada, W M Wong, J Luk	The use of microsimulation traffic models for on-road public transport *	2012
J Mattson	Use of alternative fuels and hybrid vehicles by small urban and rural transit systems	2012
S J Barbeau, K Tran, E L Hillsman	Development of a regional public transportation GIS architecture and data model	2012
S Mathur, A Smith	A decision-support framework for using value capture to fund public transit: Lessons from project-specific analyses	2012

S Forbes, A Anderson, S Kline, V Brundage Jr	Putting transit to work in main street America: How smaller cities and rural places are using transit and mobility investments to strengthen their economies and communities	2012
A Thorne-Lyman, J Wood	Preservation in Transit-Oriented Districts: A study on the need, priorities, and tools in protecting assisted and unassisted housing in the city of Los Angeles	2012
C Jaramillo, C Lizarraga, A L Grindlay	Spatial disparity in transport social needs and public transport provision in Santiago de Cali (Colombia) *	2012
S Mishra, T F Welsh, M K Jha	Performance indicators for public transit connectivity in multi-modal transportation networks *	2012
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M Wardman	Review and meta-analysis of UK time elasticities of travel demand *	2012
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J Holguin-Veras, W H Hart, J Reilly, F Aros-Vera	New York City Park & Ride study	2012
K Henry, O Younossi, M Al-Dafa, S Culbertson, MG Mattock, T Light, C Rohr, S Al-Dorani, H Al-Ibrahim, M Al-Naimi, L Constant, M Makki, G Mansour, J S Moini, P Roshan, P Sorenson, F Tsang	Qatar's school transportation system	2012
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P Palmier	MINT: Proposition of a new transit assignment algorithm for frequency based networks	2011
M Gannon	A re-examination of the Public-Private-Partnership discourse: Was PPP the way to upgrade London Underground's infrastructure?	2011
A Bruns, W Manz	Reurbanisation: a chance for public transport?	2011

P Polyviou	A new micro-simulation approach to model the impacts of bus and traffic incidents on bus performance – the bus operators' perspective	2011
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A Mason, J Segal, B Condry	Market churn in the British rail passenger commuter and leisure markets	2011
G Currie	Design and impact of a scheme to spread peak rail demand using pre-peak free fares	2011
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G Davies, J Segal, B Condry	Understanding the market for "out of normal hours" trains services in Great Britain	2011
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B de Vries, J Willigers	On the state-of-the-art demand forecasting model developed by Netherlands Railway	2011
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R Daniels, C Gordon, C Mulley	Mass media and mass transit: a newspaper's campaign on public transport planning in Sydney	2011
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A Macdonald, S Coxon	Towards a more accessible tram system in Melbourne – challenges for infrastructure design	2011
K Norley	Central city railway capacity – making better use of existing infrastructure	2011
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N J Douglas, L Henn, K Sloan	Modelling the ability of fare to spread AM peak passenger loads using rooftops	2011
B Davidson, P Vovsha, M Abedini, C Chu, R Garland	Impact on capacity, crowding and vehicle arrival adherence on public transport ridership: Los Angeles and Sydney experience and forecasting approach	2011
J F Odgers, L Andreoli van Schijndel	Forecasting annual train boardings in Melbourne using time series data	2011
S Coxon, K Burns, A de Bono, R Napper	An examination of tree approaches to metro rolling stock design to ameliorate extended dwell times due to passenger growth and crowding	2011

N Mosca, R Zito	Positioning needs for public transport	2011
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J Leung, T Tantirigama	Contribution of transport to economic growth and productivity in New Zealand	2011
A Allan	Land use planning and its role in transforming the Adelaide-Gawler Line into a transit corridor of connected transit oriented developments	2011
L Meng, N Holyoak, M Taylor	Increasing the patronage of Adelaide's Northern rail corridor	2011
M Botte, D Olaru	Geo-spatial analysis of activity spaces in a TOD environment – tracking impacts of rail transport policy using kernel density estimation	2011
M Miller, C Hale	Innovative finance for new rail infrastructure	2011
N J Douglas, G Karpouzis	Tracking the value of rail time over time	2011
D C Cosgrove	Long-term patterns of Australian public transport use	2011
E Lagura, P Norman, M Richmond, R Watling	The public transport usage of two Melbournes	2011
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R G Thompson, H Kayak	Estimating personal physical activity from transport	2011
M Xu, F Milthorpe, K Tsang	Detailed analysis of the travel patterns of rail users in Sydney	2011
D Emerson, B Parolin	Time cost measurement of travel in Sydney and implications for public transport patronage potential	2011
A Delbosc, G Currie	Modelling the causes the consequences of perceptions of personal safety on public transport ridership	2011
L Hirsch, K Thompson	I can sit but I'd rather stand: Commuter's experience of crowdedness and fellow passenger behavior in carriages on Australian metropolitan trains	2011
J F Poon, P R Stopher	Investigating the effects of different types of travel information on Travellers' learning in a public transport setting using an experimental approach	2011
C Porter	Summary of research findings: assessing and comparing environmental performance of major transit investments *	2011
C Mulley, R Daniels	Quantifying the role of a flexible transport service in reducing the accessibility gap in low density areas: A case study in North-West Sydney *	2011
C Mulley, J Nelson, R Teal, S Wright, R Daniels	Barriers to implementing flexible transport services: An international comparison of the experiences in Australia, Europe and USA *	2011
X Karekla, T Fujiyama, N Tyler	Evaluating accessibility enhancements to public transport including indirect as well as direct benefits *	2011
C di Stasio, D Fiorello, S Maffii	Public transport accessibility through co-modality: Are interconnectivity indicators good enough? *	2011
D Halden	The use and abuse of accessibility measures in UK passenger transport planning *	2011
W de Jong, J Vogels, K van Wijk, O Cazemier	The key factors for providing successful public transport in low-density areas in The Netherlands *	2011

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