



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

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May 2011 World Transit Research Newsletter

Institute of Transport Studies,

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MONASH University



World Transit Research

May 2011 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the fifth WORLD TRANSIT RESEARCH (WTR) clearinghouse newsletter. This newsletter, which is published bimonthly, summarises new research published in the field which has been added to the World Transit Research clearinghouse research database.

USER SURVEY

The WTR repository is an ever evolving research tool which we intend to refine over time. It is for this reason we have designed a short survey to better understand your needs. We would be grateful if you could fill in the attached, which will take up to 10 minutes to complete. Please click here to complete survey: <http://www.surveymonkey.com/s/YWGBJLR>

WTR WINS INTERNATIONAL RESEARCH AWARD FROM UITP

The Institute of Transport Studies (ITS) in the Department of Civil Engineering, Monash University won the Asia Pacific Showcase Award for Knowledge and Research at the 59th annual World Congress of the Union Internationale De Transport Publics (UITP - International Association of Public Transport) in Dubai in April. This was for the development and operation of World Transit Research. WTR is now used by public transport researchers in over 4,000 cities 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 3,771 research reports/papers. Some 83 newly published papers have been added and 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.

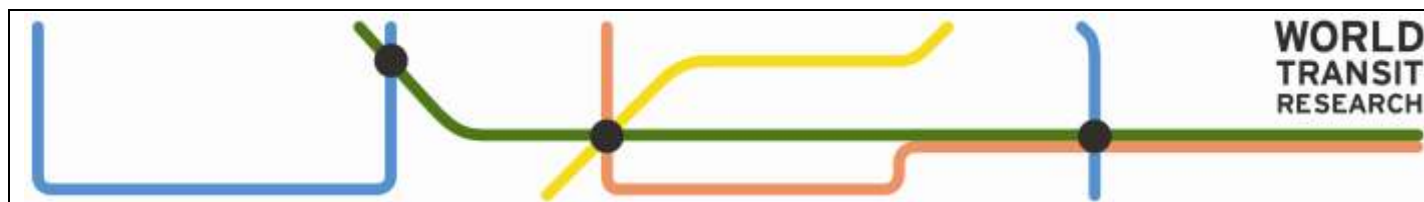
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SUGGESTIONS WELCOMED

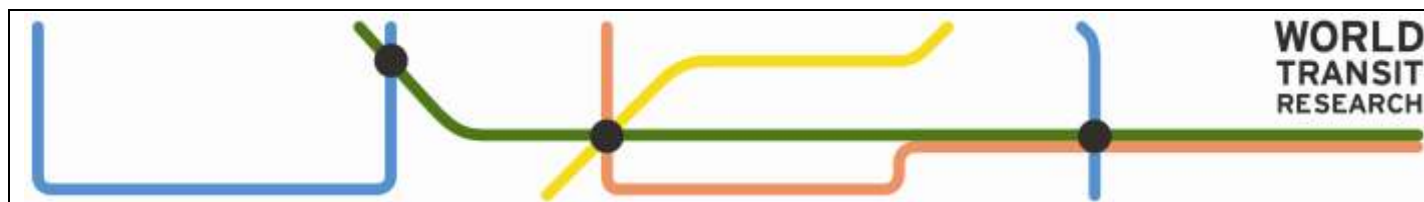
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

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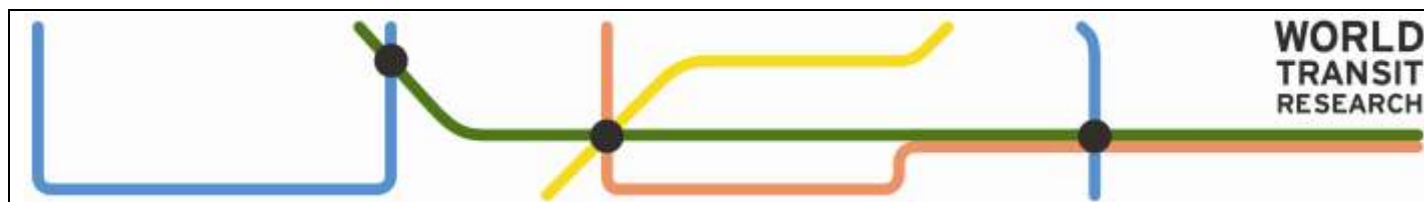


WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
A Crotte, D J Graham, R B Noland	The role of metro fares, income, metro quality of service and fuel prices for sustainable transportation in Mexico city.	2011
P Zito, G Amato, S Amoroso, M Berritella	The effect of advanced traveler information systems on public transport demand and its uncertainty	2011
M Börjesson, J Eliasson	On the use of “average delay” as a measure of train reliability	2011
Z.S. Qian, H.M. Zhang	Modelling multi-modal morning commute in a one-to-one corridor network	2011
C.C. Lu, H.S. Mahmassani	Modelling heterogeneous network user route and departure time responses to dynamic pricing	2011
A Sumalee, K Uchida, W H K Lam	Stochastic multi-modal transport network under demand uncertainties and adverse weather conditions	2011
M Mesbah, M Sarvi, I Ouveysi, G Currie	Optimization of transit priority in the transportation network using a decomposition methodology	2011
S.C. Wirasinghe, U Vandebona	Route layout analysis for express buses	2011
M Sanchez-Borras, A Lopez-Pita	Rail infrastructure charging systems for high-speed lines in Europe	2011
M Abou-Zeid, M Ben-Akiva	The effect of social comparisons on commute well-being	2011
J K Waite	Transit agency compliance with Title VI: Limited English proficiency requirements	2011
W Jen, R Tu, T Lu	Managing passenger behavioral intention: an integrated framework for service quality, satisfaction, perceived value and switching barriers	2011
R B Gerty, TF Procopio, CR Ferris, E Ellis, S Knapp	Resource Guide for commingling ADA and Non-ADA Paratransit riders	2011
B Yu, W H K Lam, M L Tam	Bus arrival time prediction at bus stop with multiple routes	2011
N G Dlamini	The environmental impacts of various rail passenger ticketing options in Japan	2011
Y Tyrinopoulos	Integrating vehicle positioning data in quality control programs in public transit: a European perspective	2011
R E Wener, G W Evans	Comparing stress of car and train commuters	2011
C F Chen, W H Chao	Habitual or reasoned? Using the theory of planned behavior, technology acceptance model, and habit to examine switching intentions toward public transit	2011
J S Chou, C Kim, Y C Kuo, N C Ou	Deploying effective service strategy in the operations state of high-speed rail	2011
M Aftabuzzaman, G Currie, M Sarvi	Modeling the spatial impacts of public transport on traffic congestion relief in Melbourne, Australia	2010
M Scherer	Is light rail more attractive to users than bus transit? Arguments based on cognition and rational choice	2010
A R Haire, R B Machemehl	Regional and Modal Variability in effects of gasoline prices on U.S. Transit ridership	2010
I Benenson, K Martens, Y Rofe	Measuring the gap between car and transit accessibility	2010
M Kilani, F Leurent, A de Palma	Monocentric city with discrete transit stations	2010
A Cain, C Van Nostrand, J Flynn	Impact of Miami, Florida, Urban Partnership Agreement Phase 1A on Transit User Perceptions of I-95 Express Bus Service	2010
O Yanmaz-Tuzel, K Ozbay	Impacts of gasoline prices on New Jersey transit ridership	2010
B M Alam, G L Thompson, J R Brown	Estimating transit accessibility with an alternative method evidence from Broward County, Florida	2010
V Perk, M Mugharbel, M Catala	Impacts of Bus Rapid Transit stations on surrounding single-family home values: Study of East Busway in Pittsburgh, Pennsylvania	2010
R L Hickey, A Lu, A Reddy	Using quantitative methods in equity and demographic analysis to inform transit fare restructuring decisions	2010
J Gould, J Zhou	Social experiment to encourage drive-alone commuters to try transit	2010
D Deka, J Carnegie, P Bilton	What does it take for shuttles to succeed? Comparison of stated preferences and reality of shuttle success in New Jersey	2010
J Minser, V Webb	Quantifying the benefits application of customer loyalty modeling in Public transportation context	2010



C D Yannes, N E Lownes, N W Garrick, R J Johnston	Operationalizing place making in a choice experiment context	2010
A Cain, J Lavelle	Five-Phase approach to improve design of printed transit information and to monitor impact on customer satisfaction	2010
W Jang	Travel time and transfer analysis using transit smart card data	2010
K J Krizek, E W Stonebraker	Bicycling and Transit. A marriage unrealized	2010
Y Zhang, X Chen, J Jiang	Wayfinding-oriented design for passenger guidance signs in large-scale transit centre in China	2010
S M L Hubbard, M Smalley, S Hubbard	Art in transportation, multimodal overview	2010
H Pan, Q Shen, S Xue	Intermodal transfer between bicycles and rail transit in Shanghai, China	2010
Z Wang, Y Chen, H Wang, H Kang, Y Yu	Optimization methodology of project construction scheduling for intermodal terminal planning problems	2010
C Cheyne, M Imran	Attitudes and behaviors in relation to public transport in New Zealand's non-metropolitan regions	2010
K C Hu	Evaluating city bus service based on zone of tolerance of expectation and normalized importance	2010
A Cox, F Prager, A Rose	Transportation security and the role of resilience: A foundation for operational metrics	2010
L P Veelenturf, D Potthoff, D Huisman, L G Kroon	Railway crew rescheduling with retiming	2010
A Tirachini, C E Cortes, S R Jara-Diaz	Optimal design and benefits of a short turning strategy for a bus corridor	2010
R van Loon, P Rietveld, M Brons	Travel-time reliability impacts on railway passenger demand: a revealed preference analysis	2010
F Gao, M Wang	Route choice behavior model with guidance information	2010
R Belwal, S Belwal	Public transportation services in Oman: A study of public perceptions	2010
K L Frost, G Bertocci, S Sison	Ingre/Egress incidents involving wheelchair users in a fixed-route public transit environment	2010
M A Foda, A O Osman	Using GIS for measuring transit stop accessibility considering actual pedestrian road network	2010
P S Kharola, G Tiwari, D Mohan	Traffic safety and city public transport system: Case study of Bengaluru, India	2010
K E Watkins, B Ferris, G S Rutherford	Explore: An attraction search tool for transit trip planning	2010
P G Michaelides, A Belegri-Roboli, T Marinos	Evaluating the technical efficiency of trolley buses in Athens, Greece	2010
E J Gonzales, N Geroliminis, M J Cassidy, C F Daganzo	On the allocation of city space to multiple transport modes	2010
P S Lin, C Lee, A Kourtellis, M Saxena	Evaluation of camera-based systems to reduce transit bus side collisions	2010
E Ramsey	The review of Melbourne's principal public transport network	2010
G Currie, K Tivendale	City wide bus network restructuring using an inclusive planning approach	2010
J Stone	Turning over a new franchise: assessing the current health of public transport management in Melbourne	2010
K Lazanas, J Stone	An investigation of institutional arrangements for design and delivery of multimodal public transport in Melbourne	2010
B Pender, G Currie	Exploring priorities in Transit scheduling between small and large bus companies	2010
R Daniels, C Mulley	Overcoming barriers to implementing Flexible Transport Services in NSW	2010
P Mees	Planning for major rail projects: The Melbourne Metro and Regional Rail Link	2010
C Gordon	Latent demand for transit: The case of Canberra's proposed LRT	2010
K Norley	Light rail: the semi-metro concept	2010
S Coxon, K Burns, A de Bono	Design strategies for mitigating passenger door holding behavior on suburban trains in Paris	2010
G Leu, H Abbass, N Curtis	Resilience of ground transportation networks: a case study on Melbourne	2010
S Mahmoud, G Currie	The relative priority of personal safety concerns for young people on public transport	2010
G Currie, A Delbosc, S Mahmoud	Perceptions and realities of personal safety on public transport for young people	2010
J Scheurer	Benchmarking accessibility and public transport network performance in Copenhagen and Perth	2010



R Daniels, C Mulley	A proposal for accessibility planning in NSW: research and policy issues	2010
G Currie, A Delbosc	Understanding ridership drivers for Bus Rapid Transit systems in Australia	2010
R Napper, A de Bono, K Burns	Reducing variation not function: Lessons from applied route bus design research	2010
M Webb, S Gaymer, P Stuchbery	Opportunities for managing peak train travel demand: A Melbourne case study	2010
L Henn, G Karpouzis, K Sloan	A review of policy and economic instruments for peak demand management in commuter rail	2010
T Brooker	Peak hour passenger train crowding levels in Sydney and their implications for urban consolidation	2010
C Semler, C Hale	Rail station access – an assessment of options	2010
J Diec, S Coxon, A de Bono	Designing a public train station to minimize anti-social behavior and crime in Melbourne’s metropolitan rail environment	2010
N Douglas, G Karpouzis, A Rahman	Forecasting the use of passenger lifts at rail stations	2010
E Shin, C Inbakaran	Demographics and transport choices of new households on Melbourne’s urban fringe	2010
K Norley	The role of the rail system in the Sydney journey to work – a geospatial analysis	2010
K Bendall, M Xu	Creating public transport networks for strategic transport modeling from electronic timetable data	2010
M K Islam, U Vandebona	Reliability analysis of public transit systems using stochastic simulation	2010