



**Institute of Transport Studies (Monash)**  
The Australian Research Council Key Centre in Transport Management

**Institute of Transport Studies, Monash  
University  
World Transit Research**

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World Transit Research Newsletter

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3-1-2011

## March 2011 World Transit Newsletter

Institute of Transport Studies

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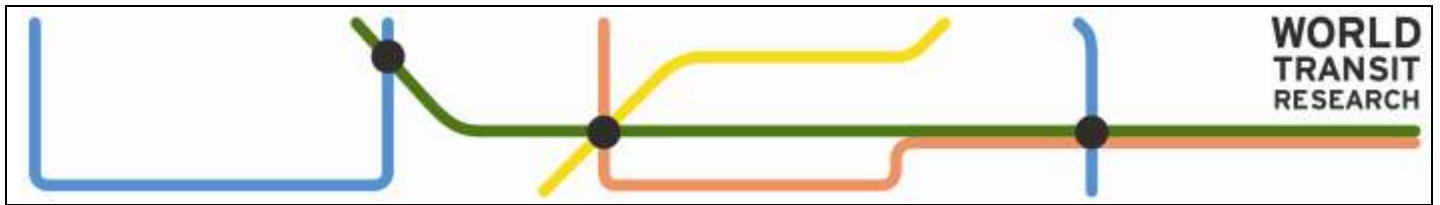
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**MONASH** University



## World Transit Research

### March 2011 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the fourth 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 IS A FINALIST IN WORLD FIRST INTERNATIONAL RESEARCH AWARD**

The Institute of Transport Studies (ITS) in the Department of Civil Engineering, Monash University has been selected as one of five finalists for the inaugural Knowledge and Research Award at the 59th annual World Congress of the Union Internationale De Transport Publics (UITP - International Association of Public Transport).

The award aims to support innovation and best practises to improve public transport systems worldwide. It is part of their 'PTx2' initiative to double world ridership by 2025. ITS Monash was selected out of 155 nominations from a total of 43 countries worldwide. Their nomination is for 'World Transit Research', a partnership between ITS Monash and the world's leading academic research journals in transport.

#### **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 3,687 research reports/papers. Some 88 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](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.

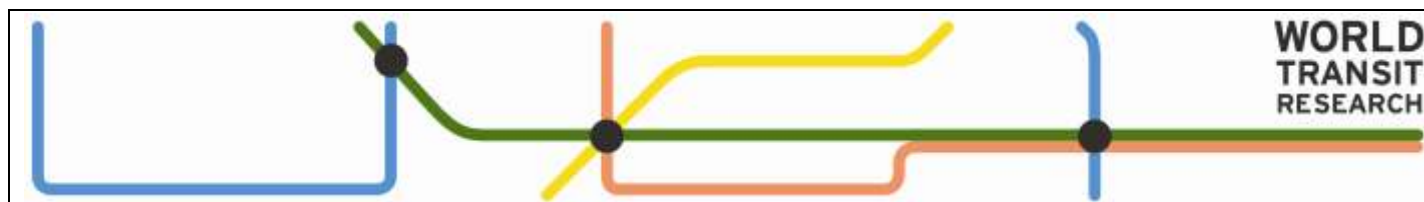
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#### **SUGGESTIONS WELCOMED**

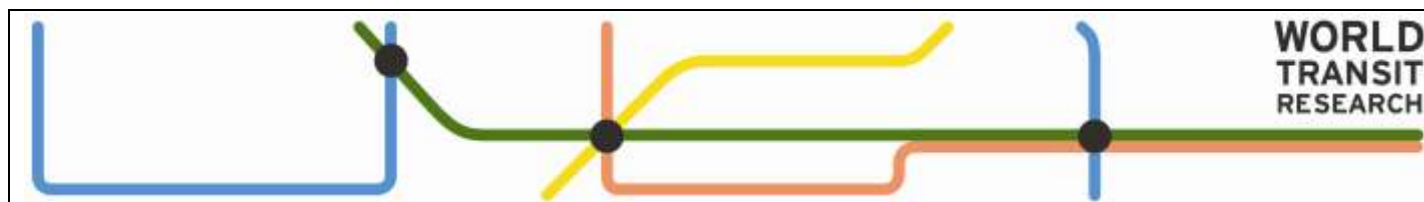
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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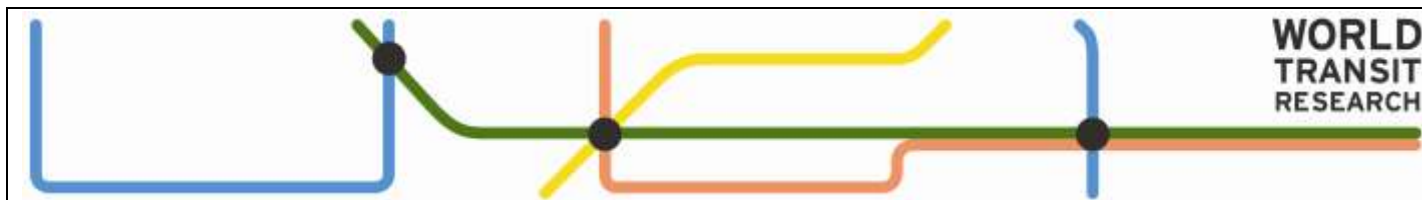


## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
G Cohen-Blankshtain, E Feitelson	<a href="#">Light rail routing: do goals matter?</a>	2011
K Obeng	<a href="#">Indirect productions function and the output effect of public transit subsidies</a>	2011
R Prud'homme, M Koning, P Kopp	<a href="#">Substituting a tramway to a bus line in Paris: Costs and benefits</a>	2011
B Bureau, M Glachant	<a href="#">Distributional effects of public transport policies in the Paris region</a>	2011
L J Basso, C A Guevara, A Gschwender, M Fuster	<a href="#">Congestion pricing, transit subsidies and dedicated bus lanes: Efficient and practical solutions to congestion</a>	2011
W. Gu, Y Li, M J Cassidy, J B Griswold	<a href="#">On the capacity of isolated, curbside bus stops</a>	2011
T F P Henning, S Muruvan, W A Feng, R C Dunn	<a href="#">The development of a benchmarking tool for monitoring progress towards sustainable transportation in New Zealand</a>	2011
T Pedersen, P Kristensson, M Friman	<a href="#">Effects of critical incidents on car users' predicted satisfaction with public transport</a>	2011
T Deng, J D Nelson	<a href="#">Recent developments in Bus Rapid Transit: A review of the literature</a>	2011
C E Cortés, J Gibson, A Gschwender, M Munizaga, M Zúñiga,	<a href="#">Commercial bus speed diagnosis based on GPS-monitored data</a>	2011
D Oлару, B Smith, J H E Taplin	<a href="#">Residential location and transit-oriented development in a new rail corridor</a>	2011
S Raveau, J C Munoz, L de Grange	<a href="#">A topological route choice model for metro</a>	2011
Z Guo, N H M Wilson	<a href="#">Assessing the cost of transfer inconvenience in public transport systems: A case of the London Underground</a>	2011
K Gkritza, M G Karlaftis, F L Mannering	<a href="#">Estimating multimodal transit ridership with a varying fare structure</a>	2011
P Maghelal	<a href="#">Investigating the relationships among rising fuel prices, increased transit ridership and CO2 emissions</a>	2011
T Litman	<a href="#">Contrasting visions of urban transport critique of "Fixing Transit: The case for privatization"</a>	2011
T Sharipov	<a href="#">Results so far and prospects of Kazakhstan passenger rail franchising</a>	2010
F Rolim, A Brasileiro, E Santos	<a href="#">Competition in Brazilian bus and coach services – The results of recent competitive tendering processes</a>	2010
R Merkert	<a href="#">Changes in transaction costs over time – the case of franchised train operating firms in Britain</a>	2010
J Stanley, F Longva	<a href="#">Workshop report – A successful contractual setting</a>	2010
D van der Velde, A Beck	<a href="#">Workshop report – Beyond competitive tendering</a>	2010
P R White	<a href="#">The conflict between competition policy and the wider role of the local bus industry in Britain</a>	2010
A Beck	<a href="#">Commercial public bus transport services in Germany: How a market in motion struggles with its regulatory framework</a>	2010
G Alexandersson, S Hulten, N Fearnley, F Longva	<a href="#">Impact of regulation on the performance of long-distance transport services: A comparison of the different approaches in Sweden and Norway</a>	2010
W W Veeneman, J D Nelson	<a href="#">Workshop report – System development</a>	2010
I Politis, P Papaioannou, S Basbas, N Dimitriadis	<a href="#">Evaluation of a bus passenger information system from the users' point of view in the city of Thessaloniki, Greece</a>	2010
J Holmgren	<a href="#">Putting our money to good use: Can we attract more passengers without increasing subsidies</a>	2010
J Preston, K Jansson	<a href="#">Workshop report – Public policy and transport</a>	2010
B Finn, J Walter	<a href="#">Workshop report – Public transport markets in development</a>	2010
J Walter	<a href="#">Is the bus transport contracting system in South Africa leading to trusting relationships between contracted parties? An analysis of funding issues and the impact on relations between government and operators</a>	2010
H Schalekamp, R Behrens	<a href="#">Engaging paratransit on public transport reform initiatives in South Africa: A critique of policy and an investigation of appropriate engagement approaches</a>	2010
J C Munoz, L de Grange	<a href="#">On the development of public transit in large cities</a>	2010
K Hull	<a href="#">Effective use of Citizen Advisory Committees for transit planning &amp; operations</a>	2010
A Golub	<a href="#">Welfare and equity impacts of gasoline price changes under different public transportation service levels</a>	2010



R R M Gershon, L A Magda, A N Canton	<a href="#">Web-based weapons of mass destruction training for transit police</a>	2010
H Iseki, B D Taylor	<a href="#">Style versus service? An analysis of user perceptions of transit stops and stations</a>	2010
D Laverny-Rafter	<a href="#">Federally-mandated evaluation of New Starts Transit Projects</a>	2010
E Veliou, K Kepaptsoglou, M G Karlaftis	<a href="#">Night-time operations in transit systems: Evaluating the Athens Metro Owl Services</a>	2010
K Vlachou, J Collura, A Mermelstein	<a href="#">Planning and deploying transit signal priority in small and medium-sized cities: Burlington, Vermont, Case Study</a>	2010
C E Cortes, D Saez, F Milla, A Nunez, M Riquelme	<a href="#">Hybrid predictive control for real-time optimization of public transport systems' operations based on evolutionary multi-objective optimization</a>	2010
S Farag, G Lyons	<a href="#">Explaining public transport information use when a car is available: attitude theory empirically investigated</a>	2010
S J Murray, D Walton, J A Thomas	<a href="#">Attitudes towards public transport in New Zealand</a>	2010
S Farber, A Paez	<a href="#">Employment status and commute distance of Canadians with disabilities</a>	2010
M Gonzalez-Diaz, A Montoro-Sanchez	<a href="#">Some lessons from incentive theory: Promoting quality in bus transport</a>	2010
F Corman, A D'Ariano, D Pacciarelli, M Pranzo	<a href="#">Bi-objective conflict detection and resolution in railway traffic management</a>	2010
P A L Abrantes, M R Wardman	<a href="#">Meta-analysis of UK values of travel time: An update</a>	2010
Opus Central Laboratories	<a href="#">Public lighting for safe and attractive pedestrian areas</a>	2010
S Meek, S Ison, M Enoch	<a href="#">Evaluating alternative concepts of bus-based park and ride</a>	2010
S Zemp, M Stauffacher, D J Lang, R W Scholz	<a href="#">Generic functions of railway stations – A conceptual basis for the development of common system understanding and assessment criteria</a>	2010
Y Hadas, A Ceder	<a href="#">Public transit network connectivity</a>	2010
M Mandelzys, B Hellinga	<a href="#">Identifying causes of performance issues in bus schedule adherence with Automatic Vehicle Location and Passenger Count Data</a>	2010
J D Antos, R L Peskin, O Tomeh, D C Schneck, A Touran, RV Bravo, R Laver	<a href="#">What determines soft costs in major public transit fixed guideway projects? Examining four decades of experience</a>	2010
A Ceder, C S C Teh	<a href="#">Comparing public transport connectivity measures of major New Zealand cities</a>	2010
C F Liao, H X Liu	<a href="#">Development of data-processing framework for Transit performance analysis</a>	2010
V Dixit, E E Rutstrom, M S Mard, R O Zielske	<a href="#">Transit referenda and funding options, bonds versus taxes</a>	2010
A V Reddy, A Lu, T Wang	<a href="#">Subway productivity, profitability and performance: A tale of five cities</a>	2010
R Fernandez, P Zegers, G Weber, N Tyler	<a href="#">Influence of platform height, door width and fare collection on bus dwell time: Laboratory evidence for Santiago de Chile</a>	2010
N van Oort, N H M Wilson, R van Nes	<a href="#">Reliability improvement in short headway transit services schedule – and headway-based holding strategies</a>	2010
L R Schramm, K Watkins, S Rutherford	<a href="#">Features that affect variability of travel time on Bus rapid Transit Systems</a>	2010
D Katz, M M Rahman	<a href="#">Levels of Overcrowding in Bus System of Dhaka, Bangladesh</a>	2010
D L Uniman, J Attanucci, R G Mishalani, N H M Wilson	<a href="#">Service reliability measurement using automated fare card data: Application to the London Underground</a>	2010
T Ohnmacht, M Scherer	<a href="#">More comfort, short travel time or low fares?</a>	2010
A Nour, J M Casello, B Hellinga	<a href="#">Anxiety-based formulation to estimate generalized cost of transit travel time</a>	2010
G R Krykewycz, C M Puchalsky, J Rocks, B Bonnette, F Jaskiewicz	<a href="#">Defining a primary market and estimating demand for major bicycle-sharing program in Philadelphia, Pennsylvania</a>	2010
B A Weigel, F Southworth, M D Meyer	<a href="#">Calculators to estimate greenhouse gas emissions from public transit vehicles</a>	2010
S Raney	<a href="#">San Francisco to Silicon Valley, California, instant rideshare with transfer hub</a>	2010
E Ziring, P S Sriraj	<a href="#">Mitigating excessive idling of transit buses</a>	2010
E Martin, S A Shaheen, J Lidicker	<a href="#">Impact of car sharing on household vehicle holdings</a>	2010
S A Shaheen, S Guzman, H Zhang	<a href="#">Bikesharing in Europe, the Americas and Asia</a>	2010
S J Barbeau, N L Georggi, P L Winters	<a href="#">Global positioning system integrated with personalized real time transit information from automatic vehicle location</a>	2010
M Carmona	<a href="#">The regulatory function in public-private partnerships for the provision of transport infrastructure</a>	2010
K Kepaptsoglou, M G Karlaftis, Z Li	<a href="#">Optimizing pricing policies in Park-and-Ride facilities: A model and decision support system with application</a>	2010
P Xiong	<a href="#">Park and ride behaviors for non-local private car travelers in big events</a>	2010
L Nie, B Hu, H Fu, L Tong	<a href="#">Interaction analysis between night train operation and maintenance time on passenger dedicated railway line</a>	2010



K Deb, M Filippini	<a href="#">Estimating welfare changes from efficient pricing in public bus transit in India</a>	2010
F Jorgensen, T A Mathisen, B Larsen	<a href="#">Evaluating transport user benefits and social surplus in a transport market – the case of Norwegian ferries</a>	2010
N Hounsell, B Shrestha, J Piao	<a href="#">Enhancing Park and Ride with access control: A case study of Southampton</a>	2010
J K Waite	<a href="#">Application of physical ability testing to current workforce of transit employees</a>	2010
S J Hendriks, E Hillsman, A Foster, A Yassin, A Stuart	<a href="#">Developing a framework for a toolkit for Carbon Footprint that integrates transit (CFIT)</a>	2010
F A Marten Jr.	<a href="#">Reliability centered maintenance: A case study of railway transit maintenance to achieve optimal performance</a>	2010
M P Pelletier, M Trepanier, C Morency	<a href="#">Smart card data use in public transit: A literature review</a>	2010
P Nguyen-Hoang, R Yeung	<a href="#">What is paratransit worth?</a>	2010
J C Lau	<a href="#">Spatial mismatch and the affordability of public transport for the poor in Singapore's new towns</a>	2010
M P Schroeder, J Yu, D Teumim	<a href="#">Guiding the selection and application of wayside energy storage technologies for rail transit and electric utilities</a>	2010
H Mackie	<a href="#">Improving school travel systems</a>	2010
The Center for Transit-Oriented Development	<a href="#">TOD203: Transit corridors and TOD</a>	2010
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