



**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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# October 2010 World Transit Research Newsletter

Institute of Transport Studies

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**MONASH** University



## World Transit Research October 2010 Newsletter

<http://www.worldtransitresearch.info>

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

### **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 3,461 research reports/papers. Some 66 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.

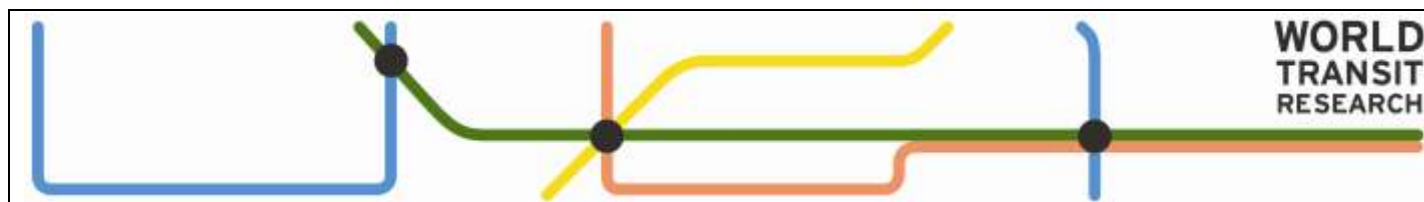
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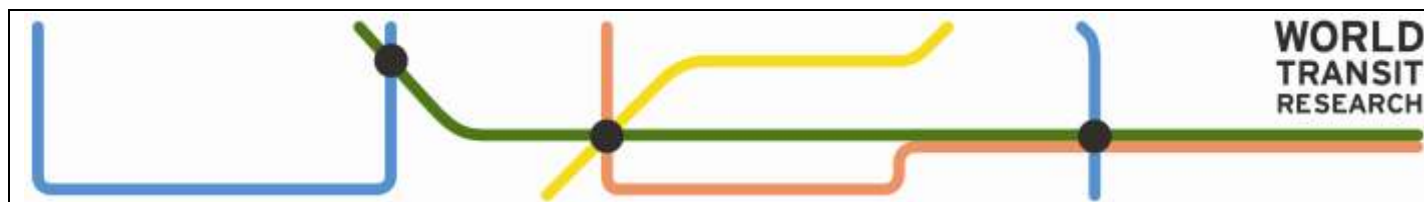
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
D K Boyle	<a href="#">Transit fare arrangements for Public Employees</a>	2010
SM Baker, D Judd, RL Oram	<a href="#">Tax-free transit benefits at 30: Evolution of a free parking offset</a>	2010
E Blumenberg, AE Evans	<a href="#">Planning for Demographic diversity: The case of immigrants and public transit</a>	2010
J Niles, L Callaghan Jerram	<a href="#">From buses to BRT: Case studies of incremental BRT projects in North America</a>	2010
R Cervero, A Adkins, C Sullivan	<a href="#">Are suburban TOD's over parked?</a>	2010
N J Foletta, M Estrada, M Roca-Riu, P Marti	<a href="#">Effect of Variable bus speeds on Bus Network Design</a>	2010
M N Hassan, Y E Hawas, F Ahmed, M Maraqa, M B Khan	<a href="#">Water-Transit services in Dubai-UAE: User and operator survey Development and quantitative analysis</a>	2010
A Patel, P Herder, K Brown	<a href="#">Investment decision making for alternative fuel public transport buses: the case of Brisbane Transport</a>	2010
J R Kuzmyak, J E Evans IV, R H Pratt,	<a href="#">Employer and institution TDM strategies – Traveler response to transportation system changes</a>	2010
S Moore	<a href="#">Understanding and managing anti-social behavior on public transport through value change: The considerate travel campaign</a>	2010
M Mesbah, M Sarvi, I Ouveysi, G Currie	<a href="#">Optimization of transit priority in the transportation network using a decomposition methodology</a>	2010
A Sumalee, K Uchida, W H K Lam	<a href="#">Stochastic multi-modal transport network under demand uncertainties and adverse weather conditions</a>	2010
D Banister, M Thurstain-Goodwin	<a href="#">Quantification of the non-transport benefits resulting from rail investments</a>	2010
D Chimba, T Sando, V Kwigizile	<a href="#">Effect of bus size and operation to crash occurrences</a>	2010
F Ryan, B Caulfield	<a href="#">Examining the benefits of using bio-CNG in urban bus operations</a>	2010
M Fosgerau, K Hjorth, S V Lyk-Jensen	<a href="#">Between-mode- differences in the value of travel time: Self selection or strategic behavior?</a>	2010
D A Hensher	<a href="#">Incompleteness and clarity in bus contracts: Identifying the nature of the ex ante and ex post perceptual divide</a>	2010
C Nash	<a href="#">European rail reform and passenger services – the next steps</a>	2010
A Tirachini, D A Hensher, S R Jara-Diaz	<a href="#">Comparing operator and users costs of light rail, heavy rail and Bus Rapid Transit over a radial public transport network</a>	2010
A Ljungberg	<a href="#">Local public transport on the basis of social economic criteria</a>	2010
R Wang	<a href="#">Autos, transit and bicycles: Comparing the costs in large Chinese cities</a>	2010
R Cervero, C D Kang	<a href="#">Bus Rapid Transit impacts on land uses and land values in Seoul, Korea</a>	2010
C F Daganzo, J Pilachowski	<a href="#">Reducing bunching with bus-to-bus cooperation</a>	2010
R Buehler	<a href="#">Determinants of transport mode choice: a comparison of Germany and USA</a>	2010
H Sakai, K Shoji	<a href="#">The effect of governmental subsidies and the contractual model on the publicly-owned bus sector in Japan</a>	2010
M E Lopez-Lambas, A Monzon	<a href="#">Private funding and management for public interchanges in Madrid</a>	2010
J-D Schmocker, A Fonzone, H Shimamoto, F Kurauchi, M G H Bell	<a href="#">Frequency-based transit assignment considering seat capacities</a>	2010
A Alessandrini, F Filippi, D Stam, A Tripodi	<a href="#">Pre-design method for advanced public transport systems</a>	2010
S Dewess	<a href="#">Socially acceptable annual holiday planning for the crew of a local public transport company in Germany</a>	2010
L Cadarso, A Marin	<a href="#">Robust routing of rapid transit rolling stock</a>	2010
Y Zhang, W H K Lam, A Sumalee, H K Lo, C O Tong	<a href="#">The multiclass schedule based transit assignment model under network uncertainties</a>	2010
T Tsekeris, S Voß	<a href="#">Public transport and road pricing: a survey and simulation experiments</a>	2010
S Tang, H K Lo	<a href="#">Assessment of public private partnership models for mass rail transit – an influence diagram approach</a>	2010
V T Arasan, P Vedagiri	<a href="#">Study of the impact of exclusive bus lane under highly heterogeneous traffic condition</a>	2010
A R Danaher	<a href="#">Bus and rail transit preferential treatments in mixed traffic</a>	2010



US Government Accountability Office	<a href="#">Public Transportation: Federal role in value capture strategies for transit is limited, but additional guidance could help clarify policies</a>	2010
F Spielberg, A T Stoddard, J Erickson	<a href="#">Methods for forecasting demand and quantifying need for rural passenger transportation</a>	2010
P Ryus, K Coffel, J Parks, V Perk, L Cherrington, J Arndt, Y Nakanishi, A Gan	<a href="#">A methodology for performance measurement and peer comparison in the public transportation industry</a>	2010
J F Potts, M A Marshall, E C Crockett, J Washington	<a href="#">A guide for planning and operating flexible Public Transportation Services</a>	2010
S J Barbeau, N L Georggi, P L Winters	<a href="#">Travel Assistance Device (TAD) to help transit riders – Deployment to transit agencies</a>	2010
B M Jenkins, B R Butterworth, K S Shrum	<a href="#">Terrorist attacks on public bus transportation: a preliminary empirical analysis</a>	2010
J Chaudhari, J Booth, Z Ye, D Kack, B Posadas	<a href="#">Evacuation preparedness of public transportation in rural coast communities of the North Gulf Region</a>	2010
L Eboli, G Mazzulla	<a href="#">A methodology for evaluating transit service quality based on subjective and objective measures from the passenger's point of view</a>	2010
A Ceder	<a href="#">Public transport vehicle scheduling with multi vehicle type</a>	2010
A S J Smith, P E Wheat, C A Nash	<a href="#">Exploring the effects of passenger rail franchising in Britain: Evidence from the first two rounds of franchising</a>	2010
L Anderson, C B Cronin, D Fien-Helfman, M Pohl, B Cronin, R Lazaro, V Lazaro, A Singleton	<a href="#">Guidebook for recruiting, developing, and retaining transit managers for fixed-route bus and paratransit systems</a>	2010
M Xu, A Ceder, Z Gao, W Guan	<a href="#">Mass transit systems of Beijing: governance evolution and analysis</a>	2010
T Kusakabe, T Iryo, Y Asakura	<a href="#">Estimation method for railway passengers' train choice behavior with smart card transaction data</a>	2010
Z-C Li, W H K Lam, S C Wong, A Sumalee	<a href="#">An activity-based approach for scheduling multimodal transit services</a>	2010
H Kato, Y Kaneko, M Inoue	<a href="#">Comparative analysis of transit assignment: evidence from urban railway system in the Tokyo metropolitan area</a>	2010
H Shimamoto, N Murayama, A Fujiwara, J Zhang	<a href="#">Evaluation of an existing bus network using a transit network optimization model: a case study of the Hiroshima city bus network</a>	2010
L dell'Olio, A Ibeas, P Cecin	<a href="#">The quality of service desired by public transport users</a>	2010
R H Thatcher, T Procopio, C Ferris, M Davis, C Morris, W Rodman, D Koffman, R Weiner, L Jacobson, M Golden	<a href="#">Vehicle Operator recruitment, retention and performance in ADA complementary paratransit operations</a>	2010
J Mattson, D Peterson, D Ripplinger, W Thomas, J Hough	<a href="#">An assessment of demand for rural intercity transportation services in a changing environment</a>	2010
G Currie, C Loader	<a href="#">Bus network planning for transfers and the network effect in Melbourne, Australia</a>	2010
D Ripplinger	<a href="#">Classifying rural and small town urban transit agencies</a>	2010
C Wong, S Fisher	<a href="#">Developing a Bus Rapid Transit strategic plan for San Jose and Silicon Valley, California</a>	2010
P S Sriraj, L Dirks, H Singh	<a href="#">Developing an Information Management System for public and specialized transportation providers of Illinois, a web-based interactive system</a>	2010
W Ma, X Yang, Y Liu	<a href="#">Development and evaluation of a coordination and conditional bus priority approach</a>	2010
R Cervero, J Murakami, M Miller	<a href="#">Direct ridership model of Bus Rapid Transit in Los Angeles, California</a>	2010
K Monast, D Downs	<a href="#">Effects of basic rural paratransit characteristics on organizational culture</a>	2010
G Currie, K Tivendale	<a href="#">Inclusive planning process for citywide bus network restructuring</a>	2010
M R McCord, R G Mishalani, P Goel, B Strohl	<a href="#">Iterative proportional fitting procedure to determine bus route passenger origin-destination flows</a>	2010
M Ma, X Yan, H Huang, M Abdel-Aty	<a href="#">Safety of public transportation occupational drivers risk perception, attitudes and driving behaviour</a>	2010
J E Barr, E B Beaton, J V Chiaromonte, T V Orosz	<a href="#">Select bus service on Bx12 in New York City, Bus Rapid Transit partnership of New York City DOT and Metropolitan Transportation Authority, New York City Transit</a>	2010
C D'Souza, E Steinfeld, V Pacquet, D Feathers	<a href="#">Space requirements for wheeled mobility devices in public transportation</a>	2010