



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

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

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World Transit Research Newsletter

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12-1-2010

# December 2010 World Transit Research Newsletter

Institute of Transport Studies

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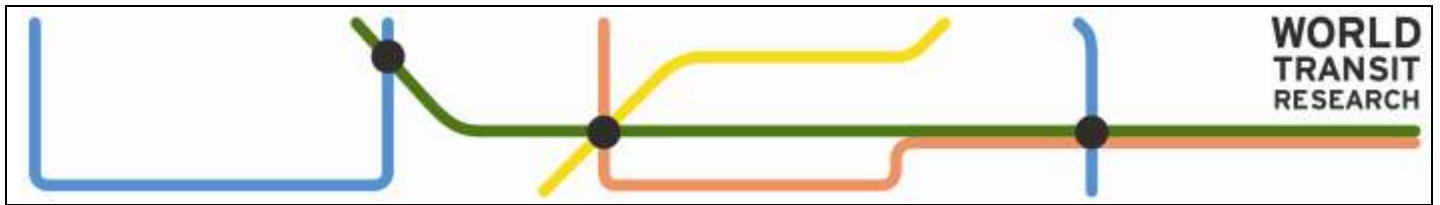
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**MONASH** University



## World Transit Research

### December 2010 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the third 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 3,598 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](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.

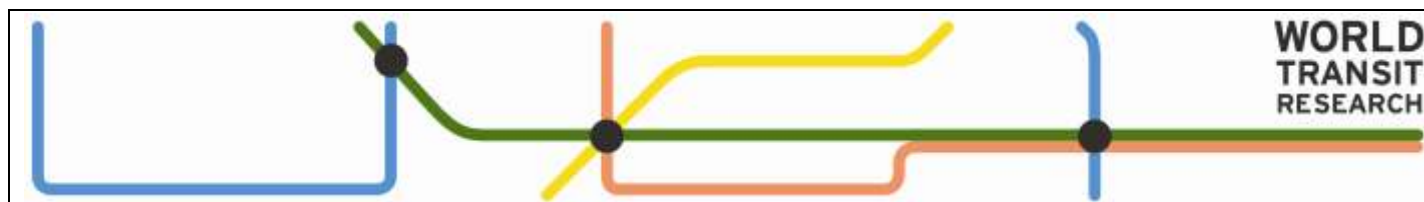
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#### **SUGGESTIONS WELCOMED**

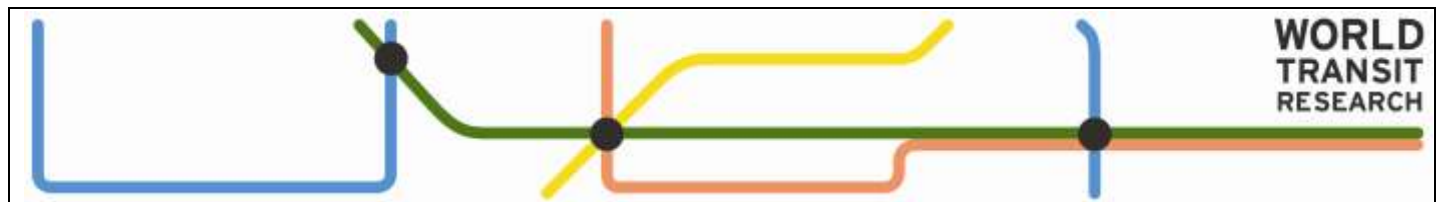
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: [enquiries@worldtransitresearch.info](mailto:enquiries@worldtransitresearch.info)

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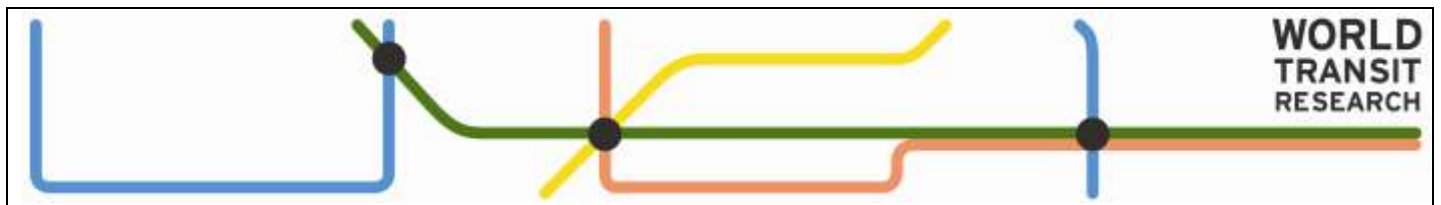


## WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
M Lindsay, J.L. Schofer, P Durango-Cohen, K.A. Gray	<a href="#">Relationship between proximity to transit and ridership for journey-to-work trips in Chicago.</a>	2010
K Augustin, M Walter	<a href="#">Operator changes through competitive tendering: Empirical evidence from German local bus transport</a>	2010
L Hansson	<a href="#">Solving procurement problems in public transport: Examining multi-principal roles in relation to effective control mechanisms</a>	2010
D P Ashmore, A D Mellor	<a href="#">The 2008 New Zealand public transport management act: Rationale, key provisions and parallels with the United Kingdom.</a>	2010
W Veeneman, J Koppenjan	<a href="#">Securing public values in public transport projects: Four Dutch cases on innovation</a>	2010
J D Nelson, S Wright, B Masson, G Ambrosino, A Naniopoulos	<a href="#">Recent developments in flexible transport services</a>	2010
G Currie, A Delbosc	<a href="#">Exploring the trip chaining behaviour of public transport users in Melbourne</a>	2010
W Veeneman	<a href="#">Changing public transport governance in Dutch metropolises: To tender or not to tender</a>	2010
R Fernández	<a href="#">Modelling public transport stops by microscopic simulation</a>	2010
F Longva, O Osland	<a href="#">Regulating the regulator: The impact of professional procuring bodies on local public transport policy and its effectiveness</a>	2010
R Batley, J Dargay, M Wardman	<a href="#">The impact of lateness and reliability on passenger rail demand</a>	2010
N Rohlich, P J Haas, F L Edwards	<a href="#">Exploring the effectiveness of transit security awareness campaigns in the San Francisco Bay area</a>	2010
S Zemp, M Stauffacher, D J Lang, R J Scholz	<a href="#">Classifying railway stations for strategic transport and land use planning: Context matters!</a>	2010
K Jansson, R Pyddoke	<a href="#">Quality incentives and quality outcomes in procured public transport – Case study Stockholm</a>	2010
J Odeck, T Hagen, N Fearnley	<a href="#">Economic appraisal of universal design in transport: Experiences from Norway</a>	2010
F Corman, A D'Ariano, D Pacciarelli, M Pranzo	<a href="#">Evaluation of green wave policy in real-time railway traffic management</a>	2010
A D'Ariano, D Pacciarelli, M Pranzo	<a href="#">Assessment of flexible timetables in real-time traffic management of a railway bottleneck</a>	2010
F Corman, A D'Ariano, D Pacciarelli, M Pranzo	<a href="#">A tabu search algorithm for rerouting trains during rail operations</a>	2010
T Rickert	<a href="#">Technical and operational challenges to inclusive Bus rapid Transit: A guide for practitioners</a>	2010
R Cordone, F Redaelli	<a href="#">Optimizing the demand captured by a railway system with a regular timetable</a>	2010
R V Ponnaluri	<a href="#">Sustainable Bus Rapid Transit initiatives in India: The role of decisive leadership and strong institutions</a>	2010
W T Lai, C F Chen	<a href="#">Behavioral intentions of public transit passengers—The roles of service quality, perceived value, satisfaction and involvement</a>	2010
C Chen, H Gong, C Lawson, E Bialostozky	<a href="#">Evaluating the feasibility of a passive travel survey collection in a complex urban environment: Lessons learned from the New York City case study</a>	2010
S I J Chien, Y Y Ulusoy, C H Wei	<a href="#">Integrated transit services for minimum cost operation considering heterogeneous demand</a>	2010
N H Vu, A M Khan	<a href="#">Bus running time prediction using a statistical pattern recognition technique</a>	2010
C Leiva, J C Muñoz, RGiesen, H Larrain	<a href="#">Design of limited-stop services for an urban bus corridor with capacity constraints</a>	2010
X Yang, J An, H Liu, J Teng, D Zhang	<a href="#">Evaluation Architecture Discussion of Route-Level Transit Service Quality</a>	2010
L Buys, E Miller	<a href="#">Conceptualising convenience: Transportation practices and perceptions of inner-urban high density residents in Brisbane, Australia</a>	2010
J Rothbauer, G Sieg	<a href="#">Quality standards for passenger trains: Political majorities and environmental costs</a>	2010
I Savage	<a href="#">The dynamics of fare and frequency choice in urban transit</a>	2010



Y H Min, M J Park, S P Hong, S H Hong	<a href="#">An appraisal of a column-generation-based algorithm for centralized train-conflict resolution on a metropolitan railway network</a>	2010
I Wallis, D Bray, H Webster	<a href="#">To competitively tender or to negotiate – Weighing up the choices in a mature market</a>	2010
J K Stanley	<a href="#">Goal achievement with trusting partnerships at the tactical level</a>	2010
D A Eerdmans, S C E van Kooij, D M van de Velde, H Westerink	<a href="#">Are we doing it wrong or do we expect too much? Forces that push authorities to become public transport designers</a>	2010
D A Hensher, J Stanley	<a href="#">Contracting regimes for bus services: What have we learnt after 20 years?</a>	2010
R Gibson	<a href="#">New Zealand public transport procurement strategies in a new legislative environment</a>	2010
P Preston	<a href="#">What’s so funny about peace, love and transport integration?</a>	2010
P S Lin, A Fabregas, E Gonzalez-Velez, H Zhou	<a href="#">Moving the bus safely back into traffic, Phase II</a>	2010
E Israel, G Cohen-Blankshtain	<a href="#">Testing the decentralization effects of rail systems: Empirical findings from Israel</a>	2010
U S Government Accountability Office	<a href="#">Transit Rail: Potential rail car cost saving strategies exist</a>	2010
J K Waite	<a href="#">Reconciling security, disclosure and record-retention requirements in transit procurements</a>	2010
L R C Bricker, R B Jacobsen, C P Gainer	<a href="#">Developing and implementing a transit advertising policy</a>	2010
Harrington-Hughes & Associates	<a href="#">Managing increasing ridership demand</a>	2010
R Golem, J Smith-Heimer	<a href="#">Relationships between streetcars and the built environment</a>	2010
L Eboli, G Mazzulla	<a href="#">How to capture the Passengers’ point of view on a transit service through rating and choice options</a>	2010
X Li, L Quadrioglio	<a href="#">Feeder transit services: Choosing between fixed and demand responsive policy</a>	2010
P Hodgson, S Potter	<a href="#">Refining light rapid transit typology: a UK perspective</a>	2010
R Buehler, J Pucher	<a href="#">Making public transport financially sustainable</a>	2010
C H Sørensen, F Longva	<a href="#">Increased coordination in public transport – Which mechanisms are available?</a>	2010
Ö Özgür	<a href="#">Performance analysis of rail transit investments in Turkey: Istanbul, Ankara, Izmir and Bursa</a>	2010
S Chien, J Byun, A Bladikas	<a href="#">Optimal stop spacing and headway of congested transit system considering realistic wait times</a>	2010
P Khanna, S Jain, P Sharma, S Mishra	<a href="#">Impact of increasing mass transit share on energy use and emissions from transport sector for National Capital Territory of Delhi</a>	2010
Y Shafahi, A Khani	<a href="#">A practical model for transfer optimization in a transit network: Model formulations and solutions</a>	2010
G Currie, T Richardson, P Smyth, D Vella-Brodrick, J Hine, K Lucas, J Stanley, J Morris, R Kinnear, J Stanley	<a href="#">Investigating links between transport disadvantage, social exclusion and well-being in Melbourne – Updated Results</a>	2010
T Litman	<a href="#">Evaluating public transit health benefits</a>	2010
T V Mathew, S Khasnabis, S Mishra	<a href="#">Optimal resource allocation among transit agencies for fleet management</a>	2010
C Mulley	<a href="#">Promoting social inclusion in a deregulated environment: Extending accessibility using collective taxi-based services</a>	2010
A De-Los-Santos, G Laporte, J A Mesa, F Perea	<a href="#">Evaluating passenger robustness in a rail transit network</a>	2010
J Dubé, F Des Rosiers, M Thériault, P Dib	<a href="#">Economic impact of a supply change in mass transit in urban areas: A Canadian example.</a>	2010
E Cipriani, S Gori, M Petrelli	<a href="#">Transit network design: A procedure and an application to a large urban area</a>	2010
Y H Cheng	<a href="#">Exploring passenger anxiety associated with train travel</a>	2010
G Currie, A Delbosc	<a href="#">Modelling the social and psychological impacts of transport disadvantage</a>	2010
M Frondel, C Vance	<a href="#">Rarely enjoyed? A count data analysis of ridership in Germany’s public transport</a>	2010
Pinnacle Research and Policy Ltd	<a href="#">Auditing public transport accessibility in New Zealand</a>	2010
S Samanta, M K Jha	<a href="#">Modeling a rail transit alignment considering different objectives</a>	2010
Y Dehghani, C K Gihring, D S Shelton, T B Baker, A Yarlagadda, R Tung	<a href="#">Travel demand forecasting analysis challenges supporting Washington State Ferries’ long-range plan development.</a>	2010



J G Allen, A Lu	<a href="#">Organizational regimes for commuter rail</a>	2010
N van Oort, R van Nes	<a href="#">Impact of Rail terminal design on transit service reliability</a>	2010
B Rutzen, N Hutson, L Loftus-Otway	<a href="#">Mexico City, Mexico, Commuter Rail</a>	2010
V Oricchio, J Fox, R Trepal	<a href="#">Commuter rail implementation study for New Haven and Hartford, Connecticut</a>	2010
H Schneebeli, A Nash, M Scherer	<a href="#">Glattalbahn</a>	2010
J de Oña, F J Calvo, L Garach, R de Oña, G López	<a href="#">How to expand subway and urban rail networks light rail extensions in Madrid, Spain.</a>	2010
G Currie, J Reynolds	<a href="#">Vehicle and Pedestrian Safety at Light Rail stops in Mixed Traffic</a>	2010
G Currie	<a href="#">Quick and effective solution to rail overcrowding</a>	2010
S Derrible, C Kennedy	<a href="#">Evaluating, comparing and improving metro networks application to plans for Toronto, Canada</a>	2010
A Carrel, R G Mishalani, N H M Wilson, J P Attanucci, A B Rahbee	<a href="#">Decisions factors in service control on high-frequency metro line, importance in service delivery</a>	2010
D Peyers	<a href="#">Rail City Berlin rail infrastructure and intermodality in the Re-unified German Capital</a>	2010
R Baertsch, J Dunmon	<a href="#">Renewable energy use advantages of Maglev-based Personal Rapid Transit</a>	2010
J D Lees-Miller, J C Hammersley, R E Wilson	<a href="#">Theoretical maximum capacity as benchmark for empty vehicle redistribution in Personal Rapid Transit</a>	2010
U S Government Accountability Office	<a href="#">Public transit security information sharing: DHS could improve information sharing through streamlining and increased outreach</a>	2010
D J Bray, M A P Taylor, D Scrafton	<a href="#">Transport Policy in Australia – Evolution, learning and policy transfer</a>	2010
Y Liu, J Bunker, L Ferreira	<a href="#">Transit user’s route-choice modeling in transit assignment: A review</a>	2010
M Novales, A Orro, M R Bugarin	<a href="#">Track Geometry for light rail systems</a>	2010