



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**

World Transit Research Newsletter

11-1-2013

World Transit Research November 2013 Newsletter

Institute of Transport Studies, Monash University

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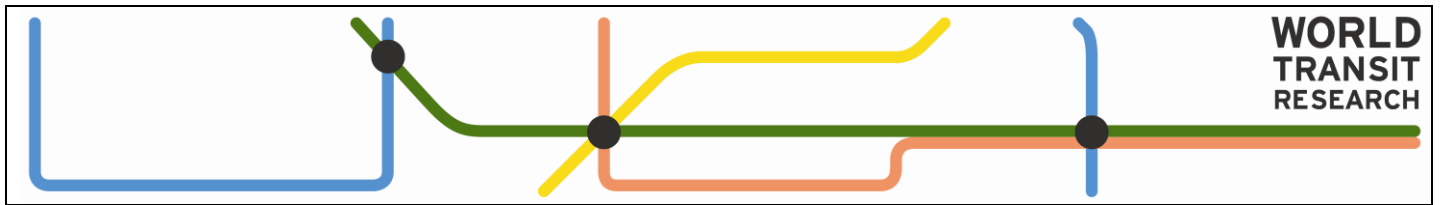
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MONASH University



World Transit Research

November 2013 Newsletter

<http://www.worldtransitresearch.info>

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WTR is now used by public transport researchers in over 7,000 cities and towns in 170 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.

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NEW ADDITIONS

World Transit Research clearinghouse now includes some 4939 research reports/papers. Some 84 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.

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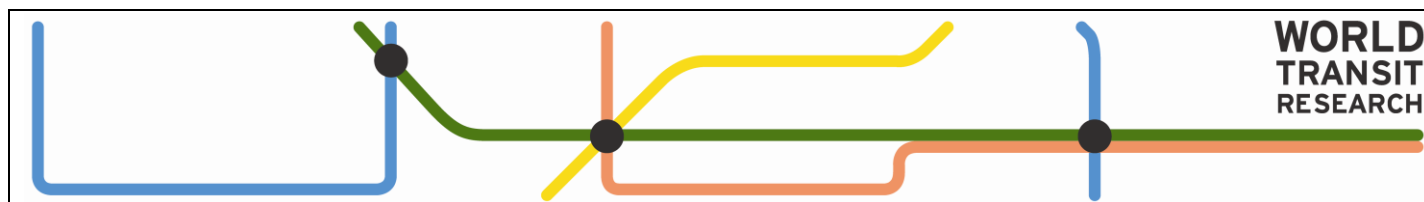
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Articles on the following two pages denoted with an asterisk * are from Journals that require a subscription to view the full article.

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
D S Vale	Does commuting time tolerance impede sustainable urban mobility? Analysing the impacts on commuting behaviour as a result of workplace relocation to a mixed-use centre in Lisbon *	2013
Z Ursania, T X Mei, A Whiteing	A fault tolerance approach for railway scheduling and train control *	2013
C Jun, Y Dongyuan	Estimating Smart Card Commuters Origin-Destination Distribution Based on APTS Data *	2013
A Naweed	Psychological factors for driver distraction and inattention in the Australian and New Zealand rail industry *	2013
W Gu, M J Cassidy	Maximizing bus discharge flows from multi-berth stops by regulating exit maneuvers *	2013
M Wei, B Sun, W Jin	A Bi-level Programming Model for Uncertain Regional Bus Scheduling Problems *	2013
B Alonso, J L Moura, A Ibeas, L dell'Olio	Analytical model for calibrating delay at congested bus stops *	2013
J H Kim, J H Chung, T Kim	The effect of psychological traits on mode choice behaviour: an application to a new water transit system in Seoul, Korea *	2013
B Dorsey, A Mulder	Planning, place-making and building consensus for transit-oriented development: Ogden, Utah case study *	2013
J Wong	Leveraging the General Transit Feed Specification for Efficient Transit Analysis *	2013
W L Eisele, D L Schrank, D H Kang, S E Polzin, X Chu	Investigation of improvements to truck volume assignments and public transportation benefits methodologies in TTI's urban mobility report	2013
Greener Journeys	Bus 2020, A manifesto for the next parliament	2013
C H Wen, W W Huang, C Fu, P Y Chou	A latent class generalised nested logit model and its application to modelling carrier choice with market segmentation *	2013
J M del Castillo, F G Benitez	Determining a public transport satisfaction index from user surveys *	2013
C Ho, C Mulley	Incorporating Intrahousehold Interactions into a Tour-Based Model of Public Transport Use in Car-Negotiating Households *	2013
J B Gordon, H N Koutsopoulos, N H M Wilson, J P Attanucci	Automated Inference of Linked Transit Journeys in London Using Fare-Transaction and Vehicle Location Data	2013
H Suzuki, R Cervero, K Luchi	Transforming cities with transit; Transit and Land-use integration for sustainable urban development *	2013
Economic Development Research Group, Cambridge Systematics, Incorporated, ICF International, Texas A&M Transportation Institute, Weris, Incorporated	Development of Tools for Assessing Wider Economic Benefits of Transportation *	2013
I P Wallis	Experience with the development of off-peak bus services	2013
C Symes	Entr'acte: Mobile Choreography and Sydney Rail Commuters *	2013
M. Kamruzzaman, D Baker, S Washington, G Turrell	Residential dissonance and mode choice *	2013
T F Welch, S Mishra	A measure of equity for public transit connectivity *	2013
E E Boschmann, S A Brady	Travel behaviors, sustainable mobility, and transit-oriented developments: a travel counts analysis of older adults in the Denver, Colorado metropolitan area *	2013
H Niu, X Zhou	Optimizing urban rail timetable under time-dependent demand and oversaturated conditions *	2013
A Carrel, R G Mishalani, N H M Wilson, J P Attanucci	A framework for evaluating operations control on a metro line: integrating multiple perspectives and automatically collected train and passenger movement data *	2013
C Rydergren	Comparison of headway-based public transport models *	2013
A Ceder, S Hassold, B Dano	Approaching even-load and even-headway transit timetables using different bus sizes *	2013
K Hanaoka, T Nakaya, K Yano, S Inoue	Network-based spatial interpolation of commuting trajectories: application of a university commuting management project in Kyoto, Japan *	2013

B Yu, H Zhu, W Cai, N Ma, Q Kuang, B Yao	Two-phase optimization approach to transit hub location – the case of Dalian*	2013
T C Cornillie	The Directness Factor*	2013
B Pender, G Currie, A Delbosc, N Shiwakoti	Disruption Recovery in Passenger Railways. International Survey*	2013
S Schwarcz, J Bernstein	Metro-North Railroad Workforce Planning Model. Trade-Offs Between Straight Time, Overtime, and Lost Revenue*	2013
A Berkovich, A Lu, B Levine, A V Reddy	Observed Customer Seating and Standing Behavior and Seat Preferences on Board Subway Cars in New York City*	2013
M Frumin, J Zhao, N Wilson, Z Zhao	Automatic Data for Applied Railway Management. Case study of the London Overground*	2013
B Levine, A Lu, A V Reddy	Measurement of Subway Service Performance at New York City Transit. Case Study with Automated Train Supervision Track-Occupancy Data*	2013
M Novales, J A G Cerezo, R Ortega	Light Rail in Alicante, Spain. Improving the use of existing railway lines*	2013
F J Calvo, J de Oña, F Arán, A Nash	Light Rail Transit Experience in Madrid, Spain. Effects on population settlement and land use*	2013
N Foletta, N Vanderkwaak, B Grandy	Factors That Influence Urban Streetcar Ridership in the United States*	2013
G Currie, A Delbosc, S Harrison, M Sarvi	Impact of Crowding on Streetcar Dwell Time*	2013
C B Cronin, A Alexander, B Cronin, C Riches, J Stern, R Lazaro, V Lazaro	Building a Sustainable Workforce in the Public Transportation Industry—A Systems Approach*	2013
G Currie, R Scott, K Tivendale	Experience with value-for-money urban public transport system enhancements	2013
Ian Wallis Assoc. Ltd, The TAS Partnership	Improving bus service reliability	2013
M Grimsrud, A El-Geneidy	Driving transit retention to renaissance: trends in Montreal commute public transport mode share and factors by age group and birth cohort*	2013
M Bender, S Büttner, S O Krumke	Online delay management on a single train line: beyond competitive analysis*	2013
M Goerigk, M Schachtebeck, A Schöbel	Evaluating line concepts using travel times and robustness*	2013
F Errico, T G Crainic, F Malucelli, M Nonato	A survey on planning semi-flexible transit systems: Methodological issues and a unifying framework*	2013
L Kattan, A G de Barros, H Saleemi	Travel behavior changes and responses to advanced traveler information in prolonged and large-scale network disruptions: A case study of west LRT line construction in the city of Calgary*	2013
M Rojo, L dell'Olio, H Gonzalo-Orden, Á Ibeas	Interurban bus service quality from the users' viewpoint*	2013
G Li, X Luan, J Yang, X Lin	Value capture beyond municipalities: transit-oriented development and inter-city passenger rail investment in China's Pearl River Delta*	2013
J A Goodwill, L Staes	Flexible Public Transportation services in Florida	2013
J Haith, D Johnson, C Nash	The case for space: the measurement of capacity utilisation, its relationship with reactionary delay and the calculation of the capacity charge for the British rail network*	2013
C A Kozub	Transit Bus Operator Distraction Policies*	2013
N Hart, N E Lownes	Urban Core Transit Access to Low-Income Jobs*	2013
A H Bierbaum, J M Vincent	Putting Schools on the Map. Linking Transit-Oriented Development, Households with Children, and Schools*	2013
S J Petheram, A C Nelson, M Miller, R Ewing	Use of the Real Estate Market to Establish Light Rail Station Catchment Areas*	2013
X Zhou, E J Zolnik	Transit-Oriented Development and Household Transportation Costs. Household-level analysis*	2013
S Kim, G F Ulfarsson	Transportation in an Aging Society. Linkage Between Transportation and Quality of Life*	2013
G Dupuy	Network geometry and the urban railway system: the potential benefits to geographers of harnessing inputs from "naive" outsiders*	2013
E C Noel, S Arhin, J Thomas	Long-Term Trends in Patron Satisfaction of DC Circulator	2013
H Zhao, C Zhang, Z Gao, B Si	Risk-Based Transit Schedule Design for a Fixed Route from the View of Equity*	2013
A Mohammed, A Shalaby, E J Miller	The Development of P-TRANE — A GIS-Based Model of Bus Transit Network Evolution*	2013
Y Lin, X Yang, N Zou, L Jia	Real-Time Bus Arrival Time Prediction: Case Study for Jinan, China*	2013

G Chen, X Zhou, D Zhang, X Yang	Proportion-Based and Tendency-Based Bus Trajectory Prediction Models *	2013
T Deng, M Ma, J Wang	Evaluation of Bus Rapid Transit Implementation in China: Current Performance and Progress *	2013
X Chu	A Tool for Assessing the Economic Impact of Spending on Public Transit *	2013
C E Gordon, B Bajrami, N T Santiago, J Peters	A Bridge Too Far? The Staten Island/Hudson-Bergen Light Rail Missed Connection	2013
J Jiao, M Dillivan	Transit Deserts: The Gap between Demand and Supply	2013
A C Nelson, B Appleyard, S Kannan, R Ewing, M Miller, D Eskic	Bus Rapid Transit and Economic Development: Case study of the Eugene-Springfield BRT system	2013
M Oswald	Assessing Public Transportation Vulnerability to Sea Level Rise: A Case Study Application	2013
H-S J Tsao, A Pratama	Efficient Space Dedication to Bus Rapid Transit and Light Rail Systems	2013
R Wang, C Liu	Bicycle-Transit Integration in the United States, 2001–2009	2013
Y Hadas	Assessing public transport systems connectivity based on Google Transit data *	2013
V Benezech, N Coulombel	The value of service reliability *	2013
F Filippi, G Fusco, U Nanni	User Empowerment and Advanced Public Transport Solutions *	2013
B Barabino, E Deiana	On the Attributes and Influencing Factors of End-users Quality Perceptions in Urban Transport: An Exploratory Analysis *	2013
L D'Acerno, M Gallo, B Montella, A Placido	Evaluation of Travel Demand Impacts in the Case of Rail System Failure *	2013
J De Vos, F Witlox	Transportation policy as spatial planning tool; reducing urban sprawl by increasing travel costs and clustering infrastructure and public transportation *	2013
R Chevrier, P Pellegrini, J Rodriguez	Energy saving in railway timetabling: A bi-objective evolutionary approach for computing alternative running times *	2013
D B Sontag, H O Gao, B A Holmén	Comparison of particle mass and number emissions from a diesel transit bus across temporal and spatial scales *	2013
E Mokadi, D Mitsova, X Wang	Projecting the impacts of a proposed streetcar system on the urban core land redevelopment: The case of Cincinnati, Ohio *	2013
I Wallis, A Lawrence, N Douglas	Economic appraisal of public transport	2013
S Seyedabrishami, Y Shafahi	A joint model of destination and mode choice for urban trips: a disaggregate approach	2013
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