



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

1-1-2014

World Transit Research January 2014 Newsletter

Institute of Transport Studies, Monash University

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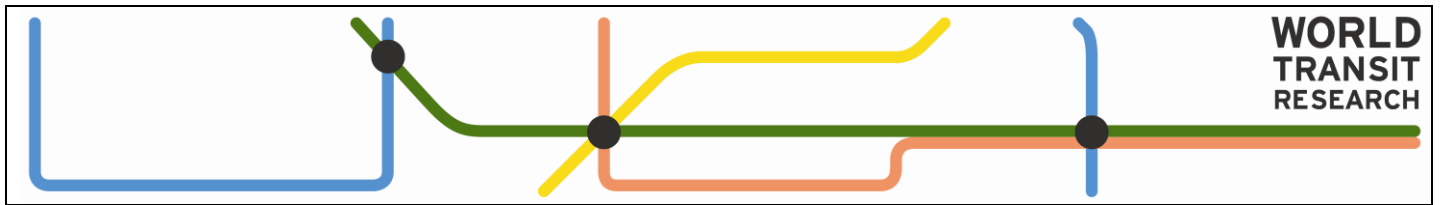
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MONASH University



World Transit Research January 2014 Newsletter

<http://www.worldtransitresearch.info>

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

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.

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 5014 research reports/papers. Some 75 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.

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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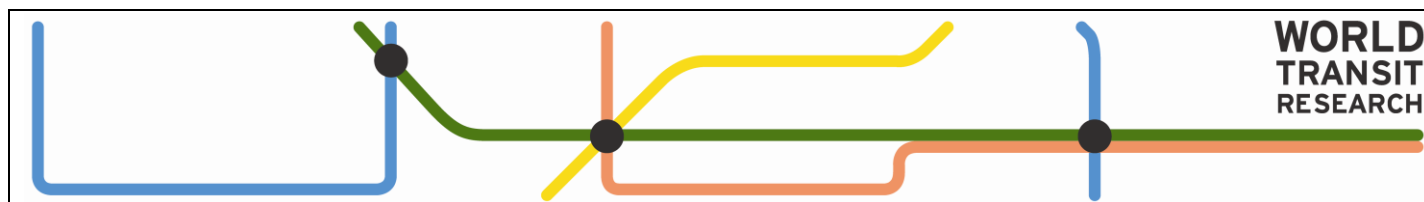
JOURNAL SUBSCRIPTIONS

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

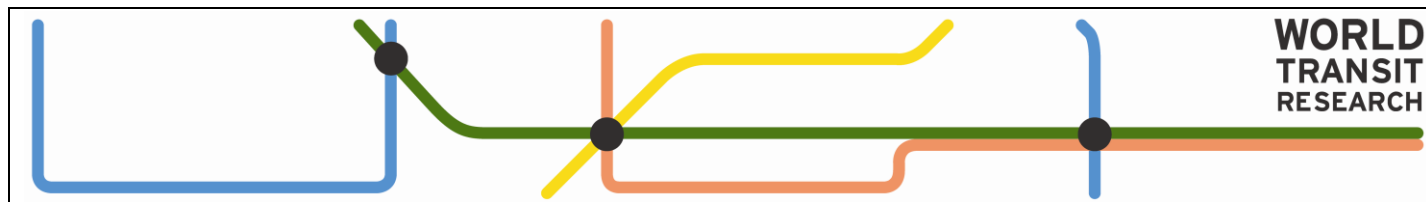
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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	DATE
P. Arana, S. Cabezudo, M. Peñalba	Influence of weather conditions on transit ridership: A statistical study using data from Smartcards *	2014
A Lajunen	Energy consumption and cost-benefit analysis of hybrid and electric city buses *	2014
A Tirachini	The economics and engineering of bus stops: Spacing, design and congestion *	2014
R Napper	Modular route bus design – A method of meeting transport operation and vehicle manufacturing requirements *	2014
ÁJ López-López, R R Pecharromán, A Fernández-Cardador, P Cucala	Assessment of energy-saving techniques in direct-current-electrified mass transit systems *	2014
M Kamruzzaman, D Baker, S Washnigton, G Turrell	Advance transit oriented development typology: case study in Brisbane, Australia *	2014
C P Milioti, M G Karlaftis	Estimating multimodal public transport mode shares in Athens, Greece *	2014
X J Cao, J Schoner	The influence of light rail transit on transit use: An exploration of station area residents along the Hiawatha line in Minneapolis *	2014
L Davison, M Enoch, T. Ryley, M Quddus, C Wang	A survey of Demand Responsive Transport in Great Britain *	2014
A El-Geneidy, M Grimsrud, R Wasfi, P Tétreault, J Surprenant-Legault	New evidence on walking distances to transit stops: identifying redundancies and gaps using variable service areas	
M Grimsrud, A El-Geneidy	Transit to eternal youth: lifecycle and generational trends in Greater Montreal public transport mode share *	2014
S R Jara-Díaz, A Gschwender, M Ortega	The impact of a financial constraint on the spatial structure of public transport services *	2014
X Fu, W H K Lam	A network equilibrium approach for modelling activity-travel pattern scheduling problems in multi-modal transit networks with uncertainty *	2014
D Heres, D Jack. D Salon	Do public transport investments promote urban economic development? Evidence from bus rapid transit in Bogotá, Colombia *	2014
A Taniguchi, S Fujii, T Azami, H Ishida	Persuasive communication aimed at public transportation-oriented residential choice and the promotion of public transport *	2014
T Wang, C Chen	Impact of fuel price on vehicle miles traveled (VMT): do the poor respond in the same way as the rich? *	2014
J Zhao, W Deng, Y Song, Y Zhu	Analysis of Metro ridership at station level and station-to-station level in Nanjing: an approach based on direct demand models *	2014
S Chowdhury, A Ceder, R Sachdeva	The effects of planned and unplanned transfers on public transport users' perception of transfer routes *	2013
B Barabino, S Salis, B Useli	A modified model to curb fare evasion and enforce compliance: Empirical evidence and implications *	2013
T Litman	Safer Than You Think! Revising the transit safety narrative	2013
T Litman	Local Funding Options for Public Transportation	2013
S Mathur, A Smith	Land value capture to fund public transportation infrastructure: Examination of joint development projects' revenue yield and stability *	2013
D G Chatman, N J Klein	Why do immigrants drive less? Confirmations, complications, and new hypotheses from a qualitative study in New Jersey, USA *	2013
S Xie, H Zhou	Forecasting impact injuries of unrestrained occupants in railway vehicle passenger compartments *	2013
W L Chee J L Fernandez	Factors that Influence the Choice of Mode of Transport in Penang: A Preliminary Analysis *	2013
S Mathur, A Smith	Transit Impact Fee, Enabling Statutes and Equity Concerns *	2013
L Zhao, W Wang, X Hu, Y Ji	The Importance of Resident's Attitude Towards Service Quality in Travel Choice of Public Transit *	2013
X Zhang, P Liu, Z Li, H Yu	Modeling the Effects of Low-carbon Emission Constraints on Mode and Route Choices in Transportation Networks *	2013
Z Zhang, H Guan, H Qin, Y Xue	A Traffic Mode Choice Model for the Bus User Groups based on SP and RP Data *	2013
Z Xueyu, Y Jiaqi	Research on the Bi-level Programming Model for Ticket Fare Pricing of Urban Rail Transit based on Particle Swarm Optimization Algorithm *	2013
L Wang, L Li B Wu, Y Bai	Private Car Switched to Public Transit by Commuters, in Shanghai, China *	2013

X Hou, X Chen	Analysis of Urban Public Transit Information Requirements in China by Web-based Survey *	2013
Y Hu, Z Xiang, H Chen	Modeling and Application of Passenger Transport Network Capacity in New Town Based on Control Indicators *	2013
H Qin, H Guan, Z Zhang, L Tong, L Gong, Y Xue	Analysis on Bus Choice Behavior of Car Owners based on Intent – Ji’nan as an Example *	2013
T Jiang, M Song, Y Jiang, M Li, H Zou	Toward Transit Metropolis: Status Quo Analysis for Chinese Major Cities *	2013
R Sham, N Samsudin, K Rahman	Managing Public Transport Service Operation in Reducing Travel Fear Factor *	2013
Q Runhua, C Hua, Z Ruiling, L Yuanxing	Design Scheme of Public Transport Comprehensive Dispatching MIS based on MAS *	2013
Transportation Research Board	Sustaining the Metropolis: Light Rail Transit and Streetcars for Super Cities *	2013
Q Meng, X Qu	Bus dwell time estimation at bus bays: A probabilistic approach *	2013
S Hess, J Shires, A Jopson	Accommodating underlying pro-environmental attitudes in a rail travel context: Application of a latent variable latent class specification *	2013
J Zhibin, H Qixiang	A Service-based Method to Generate Shuttle Bus Timetable in Accordance with Rail Transit Timetable *	2013
L Deng, W Gao, W Zhou, T Lai	Optimal Design of Feeder-bus Network Related to Urban Rail Line based on Transfer System *	2013
Z Feng, S Jungang, P Hanchuan	Optimization Method for Last Train Coordination Plan of Urban Rail Transit Based on Network Operation *	2013
T Arentze, E J E Molin	Travelers’ preferences in multimodal networks: Design and results of a comprehensive series of choice experiments *	2013
S Spears, D Houston, M G Boarnet	Illuminating the unseen in transit use: A framework for examining the effect of attitudes and perceptions on travel behavior *	2013
B Shang, X Zhang	Study of Emission Reduction: Benefits of Urban Rail Transit *	2013
B Shang, X Zhang	Study of Urban Rail Transit Operation Costs *	2013
R Yang, H Yan, W Xiong, T Liu	The Study of Pedestrian Accessibility to Rail Transit Stations based on KLP Model *	2013
Z Zhongyi, Y Guangchuan	Feasibility of Unconditional Transit Signal Priority Considering Delay Savings at Signalized Intersections: A Case Study of Dalian BRT Line No.1 *	2013
H Gan, Q Wang	Emissions Impacts of the Park-and-Ride Strategy: A Case Study in Shanghai, China *	2013
M Davidich, F Geiss, H G Mayer, A Pfaffinger, C Royer	Waiting zones for realistic modelling of pedestrian dynamics: A case study using two major German railway stations as examples *	2013
T Schelenz, A Suescun, L Wikström, M A Karlson	Application of agent based simulation for evaluating a bus layout design from passengers’ perspective *	2013
M Wedderburn, C Buchanan	Improving the cost-benefit analysis of integrated PT, walking and cycling *	2013
Z Chang	Public-private partnerships in China: A case of the Beijing No.4 Metro line *	2013
T F Welch	Equity in transport: The distribution of transit access and connectivity among affordable housing units *	2013
L Schmitt, G Currie, A Delbosc	Measuring the impact of unfamiliar transit travel using a university access survey *	2013
J Shah, G J Joshi, P Parida	Behavioral Characteristics of Pedestrian Flow on Stairway at Railway Station *	2013
V Aguiléra, S Allio, V Benezech, F Combes, C Milion	Using cell phone data to measure quality of service and passenger flows of Paris transit system *	2013
N Borole, D Rout, N Goel, P Vedagiri, T V Mathew	Multimodal Public Transit Trip Planner with Real-time Transit Data *	2013
G R G, C R Sekhar, S Velmurugan	Micro Simulation based Performance Evaluation of Delhi Bus Rapid Transit Corridor *	2013
S Somenahalli, C Sleep, F Primerano, R Wadduwage, C Mayer	Public Transport Usage in Adelaide *	2013
V Chakour, N Eluru	Examining the Influence of Urban form and Land Use on Bus Ridership in Montreal *	2013
S. Kalaanidhi, Dr. K. Gunasekaran	Estimation of Bus Transport Ridership Accounting Accessibility *	2013
D Pandit, S Das	A Framework for Determining Commuter Preference Along a Proposed Bus Rapid Transit Corridor *	2013
A B Hosapujari, A Verma	Development of a Hub and Spoke Model for Bus Transit Route Network Design *	2013



J Ma, Y Bai, J Shen, F Zhou	Examining the Impact of Adverse Weather on Urban Rail Transit Facilities on the Basis of Fault Tree Analysis and Fuzzy Synthetic Evaluation *	2013
J Xiong, W Guan, L Song, A Huang, C Shao	Optimal Routing Design of a Community Shuttle for Metro Stations *	2013
M Habibian, M Kermanshah	Coping with congestion: Understanding the role of simultaneous transportation demand management policies on commuters *	2013
Donghao, H Qixang, P Hanchuan	Study on People Square's Mass Passenger Flow Management System Launched in Shanghai Urban Rail Transit *	2013
Y Sun, X Sun, B Li, D Gao	Joint Optimization of a Rail Transit Route and Bus Routes in a Transit Corridor *	2013
C Jingxu, C Xuewu, W Wei, F Baol	The Demand Analysis of Bike-and-ride in Rail Transit Stations based on Revealed and Stated Preference Survey *	2013
C Jingjing, Z Changjiang, Y Ming	Research on Rail Transit Network System and its Connection Model in the Metropolitan Area *	2013
W Li, J Zhou	The Optimize Management of Passenger Organization in Transfer Station based on Dynamic Passenger Flow Analysis	2013
K C K Goh, G Currie, M Sarvi, D Logan	Bus accident analysis of routes with/without bus priority *	2013
L Ferrari, M Berlingiero, F Calabrese, J Reades	Improving the accessibility of urban transportation networks for people with disabilities	2013

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