



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

6-2016

World Transit Research June 2016 Newsletter

Institute of Transport Studies Monash University

Follow this and additional works at: <http://www.worldtransitresearch.info/newsletter>

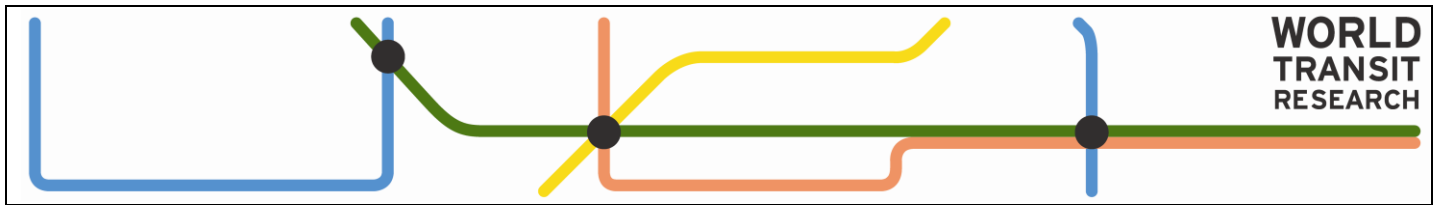
Recommended Citation

Institute of Transport Studies, Monash University. (2016). World Transit Research June 2016 Newsletter.

This Newsletter is brought to you for free and open access by World Transit Research. It has been accepted for inclusion in World Transit Research Newsletter by an authorized administrator of World Transit Research. For more information, please contact graham.currie@eng.monash.edu.au.



MONASH University



World Transit Research

June 2016 Newsletter

<http://www.worldtransitresearch.info>

Welcome to the 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 8,000 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 5,918 research reports/papers. Some 56 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.

UNSUBSCRIBE

Click here to [unsubscribe](#) from this newsletter.

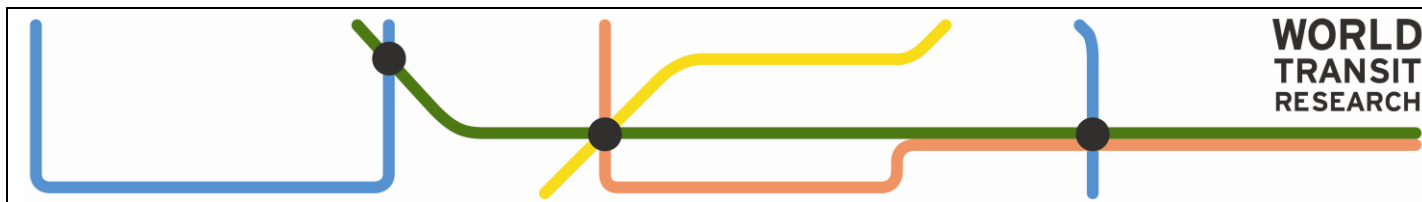
JOURNAL SUBSCRIPTIONS

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

SUGGESTIONS WELCOMED

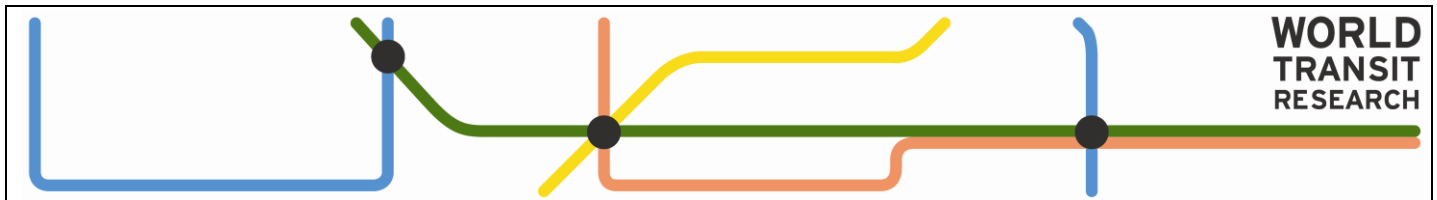
If you have any queries or suggestions on how to improve our publication, we would love to hear from you at: enquiries@worldtransitresearch.info

Wendy Walker
Research Clearing House Manager
Monash University, Australia
enquiries@worldtransitresearch.info
PH +61 4 4733 9771 Fax: +61 3 9905 4944



WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	CATEGORY
M Bernal, E W Welch, P S Sriraj	The effect of slow zones on ridership: An analysis of the Chicago Transit Authority "El" Blue Line*	Ridership
H Gong, X Chen, L Yu, L Wu	An application-oriented model of passenger waiting time based on bus departure time intervals*	Ridership
D Wan, C Kamga, J Liu, A Sugiura, E B Beaton	Rider perception of a "light" Bus Rapid Transit system - The New York City Select Bus Service*	Ridership
A Legrain, R Buliung, A El-Geneidy	Travelling fair: Targeting equitable transit by understanding job location, sectorial concentration, and transit use among low-wage workers*	Ridership
N Nassir, M Hickman, A Malekzadeh, E Irannezhad	A utility-based travel impedance measure for public transit network accessibility*	Ridership
Z Liu, S Wang, W Chen, Y Zheng	Willingness to board: A novel concept for modeling queuing up passengers*	Ridership
M M Nesheli, A Ceder, S Estines	Public transport user's perception and decision assessment using tactic-based guidelines*	Ridership
X Li, H Yang	Dynamics of modal choice of heterogeneous travelers with responsive transit services*	Ridership
D van Lierop, A El-Geneidy	Enjoying loyalty: The relationship between service quality, customer satisfaction, and behavioral intentions in public transit*	Ridership
A Chalak, H Al-Naghi, A Irani, M Abou-Zeid	Commuters' behavior towards upgraded bus services in Greater Beirut: Implications for greenhouse gas emissions, social welfare and transport policy*	Ridership
A E Brown, E Blumenberg, B D Taylor, K Ralph, C T Voulgaris	A Taste for Transit? Analyzing Public Transit Use Trends among Youth	Ridership
S Chowdhury, K Zhai, A Khan	The Effects of Access and Accessibility on Public Transport Users' Attitudes	Ridership
O Cats, M Yap, N van Oort	Exposing the role of exposure: Public transport network risk analysis*	Planning
B Guirao, A García-Pastor, M E López-Lambas	The importance of service quality attributes in public transportation: Narrowing the gap between scientific research and practitioners' needs*	Planning
T Robenek, Y Maknoon, S S Azadeh, J Chen, M Bierlaire	Passenger centric train timetabling problem*	Planning
W Zhu, X Yang, J Preston	Efficiency measurement of bus routes and exogenous operating environment effects on efficiency*	Planning
X Chen, Z Liu, G Currie	Optimizing location and capacity of rail-based Park-and-Ride sites to increase public transport usage*	Planning
W Clayton, J Jain, G Parkhurst	An ideal journey: making bus travel desirable*	Planning
R M Gillespie, A Krum, D Bowman, S Baker, M Belzer	Bus Operator Workstation Design for Improving Occupational Health and Safety	Planning
B Frith, J Burton, M Trotter, G Rive	The role public transport can play in Safer Journeys and, in particular, to advance the Safe System approach	Planning
A Gschwender, S Jara-Díaz, C Bravo	Feeder-trunk or direct lines? Economies of density, transfer costs and transit structure in an urban context*	Planning
A S Golden, R E Weisbrod	Trends, Causal Analysis, and Recommendations from 14 Years of Ferry Accidents	Planning
G P Griffin, I N Sener	Planning for Bike Share Connectivity to Rail Transit	Planning
Y Zhu, M Diao	The impacts of urban mass rapid transit lines on the density and mobility of high-income households: A case study of Singapore*	Land use
G Sun, J Zacharias, B Ma, N M Oreskovic	How do metro stations integrate with walking environments? Results from walking access within three types of built environment in Beijing*	Land use
S Bhattacharjee, A R Goetz	The rail transit system and land use change in the Denver metro region*	Land use
J Yang, J Chen, X Le, Q Zhang	Density-oriented versus development-oriented transit investment: Decoding metro station location selection in Shenzhen*	Land use
M Olesen, C Lassen	Rationalities and materialities of light rail scapes*	Land use
A Guthrie, Y Fan	Developers' perspectives on transit-oriented development*	Land use
Y Wang, S Feng, Z Deng, S Cheng	Transit premium and rent segmentation: A spatial quantile hedonic analysis of Shanghai Metro*	Land use
H Shadab Mehr, M R Rahnama, M A Shokouhi, E Mafi	Optimization of Main Public Transport Paths Based on Accessibility — Case Study: Mashhad, Iran	Land use
P Ryus, K Laustsen, K Blume, K Lee, S Beard, E Lindstrom, J Crisafi, Z Bugg, A Skabardonis, S Langdon	Improving Transportation Network Efficiency Through Implementation of Transit-Supportive Roadway Strategies	Infrastructure



Y Fan, A Guthrie, D Levinson	Waiting time perceptions at transit stops and stations: Effects of basic amenities, gender, and security*	Infrastructure
S Težak, D Sever, M Lep	Increasing the Capacities of Cable Cars for Use in Public Transport	Infrastructure
G Goel, P Ghosh, M K Ojha, S Kumar	Journey towards World Class Stations: An Assessment of Platform Amenities at Allahabad Junction	Infrastructure
M Meng, P P Koh, Y D Wong	Influence of Socio-Demography and Operating Streetscape on Last-Mile Mode Choice	Infrastructure
S Liang, S Zhao, C Lu, M Ma	A self-adaptive method to equalize headways: Numerical analysis and comparison*	Operations
O Cats, J West, J Eliasson	A dynamic stochastic model for evaluating congestion and crowding effects in transit systems*	Operations
F Corman, A D'Ariano, A D Marra, D Pacciarelli, M Samà	Integrating train scheduling and delay management in real-time railway traffic control*	Operations
E V Akoto	Exploring Diversified Performance Indicators for Evaluating Non-Urbanized Transit Program Outcomes	Operations
T Liu, A Ceder, R Bologna, B Cabantous	Commuting by Customized Bus: A Comparative Analysis with Private Car and Conventional Public Transport in Two Cities	Operations
K Obeng, R Sakano, C Naanwaab	Understanding overall output efficiency in public transit systems: The roles of input regulations, perceived budget and input subsidies*	Organisation
D A Hensher, C Ho, L Knowles	Efficient contracting and incentive agreements between regulators and bus operators: The influence of risk preferences of contracting agents on contract choice*	Organisation
A Mouwen, J van Ommeren	The effect of contract renewal and competitive tendering on public transport costs, subsidies and ridership*	Organisation
S Carpintero, M Siemiatycki	The politics of delivering light rail transit projects through public-private partnerships in Spain: A case study approach*	Organisation
L Paget-Seekins, M Tironi	The publicness of public transport: The changing nature of public transport in Latin American cities*	Organisation
K Utsunomiya	Social capital and local public transportation in Japan*	Economics
Economic Development Research Group, Inc. Compass Transportation & Technology, Inc.	Economic Impact Case Study Tool for Transit	Economics
J Galván, V Cantillo, J Arellana	Factors Influencing Demand for Buses Powered by Alternative Energy Sources	Economics
D Sun, S Chen, C Zhang, S Shen	A bus route evaluation model based on GIS and super-efficient data envelopment analysis*	Technology
V V Gayah, Z Yu, J S Wood	Estimating Uncertainty of Bus Arrival Times and Passenger Occupancies*	Technology
A Alsger, B Assemi, M Mesbah, L Ferreira	Validating and improving public transport origin–destination estimation algorithm using smart card fare data*	Technology
M V Corazza, U Guida, A Musso, M Tozzi	A new generation of buses to support more sustainable urban transport policies: A path towards “greener” awareness among bus stakeholders in Europe*	Policy
L Jacobson, R R Weinberger	Transit Supportive Parking Policies and Programs: A Synthesis of Transit Practice	Policy
C Rodier, E Issac	Transit Performance Measures in California*	Literature Review
A A Zilko, D Kurowicka, R M P Goverde	Modeling railway disruption lengths with Copula Bayesian Networks*	Mode

Note: Articles with an asterisk * are from Journals that require a subscription to view the full article