



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

8-2018

World Transit Research August 2018 Newsletter

Institute of Transport Studies Monash University

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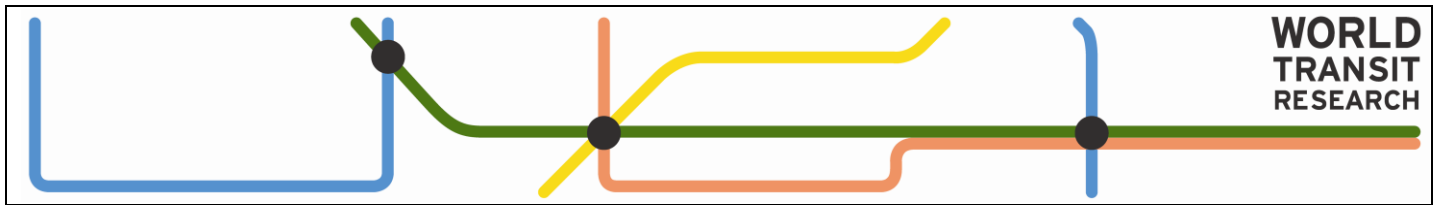
Recommended Citation

Institute of Transport Studies, Monash University. (2018). World Transit Research August 2018 Newsletter.

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MONASH University



World Transit Research August 2018 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 6,954 research reports/papers. Some 57 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

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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:
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WORLD TRANSIT RESEARCH – NEW RESEARCH PUBLICATIONS

AUTHOR	TITLE	CATEGORY
X Yan, J Levine, X Zhao	Integrating ridesourcing services with public transit: An evaluation of traveler responses combining revealed and stated preference data*	Planning
K Bertolaccini, N Lownes, S Mamun	Measuring and mapping transit opportunity: An expansion and application of the Transit Opportunity Index*	Planning
H Iseki, C Liu, G Knaap	The determinants of travel demand between rail stations: A direct transit demand model using multilevel analysis for the Washington D.C. Metrorail system*	Planning
N Saade, J Doig, M Cassidy	Scheduling lane conversions for bus use on city-wide scales and in time-varying congested traffic*	Planning
D O'Connor, B Caulfield	Level of service and the transit neighbourhood - Observations from Dublin city and suburbs*	Planning
E Sam, S Daniels, K Brijs, T Brijs, G Wets	Modelling public bus/minibus transport accident severity in Ghana*	Planning
T Mbara, S Dumba	Institutional preparedness to bus tendering in the context of a fragmented liberalized market: Case study of Harare, Zimbabwe*	Planning
F Pettersson, S Westerdahl, J Hansson	Learning through collaboration in the Swedish public transport sector? Co-production through guidelines and living labs*	Planning
National Academy of Sciences, Engineering, and Medicine	Broadening Understanding of the Interplay Among Public Transit, Shared Mobility, and Personal Automobiles	Planning
F Gürbüz, F Turna	Rule extraction for tram faults via data mining for safe transportation*	Planning
A Gundlach, M Ehrlenspiel, S Kirsch, A Koschker, J Sagebiel	Investigating people's preferences for car-free city centers: A discrete choice experiment*	Planning
M Kim, P Schonfeld, E Kim	Switching service types for multi-region bus systems*	Planning
E Sam, K Brijs, S Daniels, T Brijs, G Wets	Public bus passenger safety evaluations in Ghana: A phenomenological constructivist exploration*	Planning
J Vepsäläinen, K Kivekäs, K Otto, A Lajunen, K Tammi	Development and validation of energy demand uncertainty model for electric city buses*	Planning
C Mulley, C Ho, L Ho, D Hensher, J Rose	Will bus travellers walk further for a more frequent service? An international study using a stated preference approach*	Planning
X Karekla, N Tyler	Maintaining balance on a moving bus: The importance of three-peak steps whilst climbing stairs*	Planning
H Li, X Li, X Xu, J Liu, B Ran	Modeling departure time choice of metro passengers with a smart corrected mixed logit model - A case study in Beijing*	Planning
W Veeneman, C Mulley	Multi-level governance in public transport: Governmental layering and its influence on public transport service solutions*	Organisation
W Veeneman	Developments in public transport governance in the Netherlands; the maturing of tendering*	Organisation
A Paulsson, K Isaksson, C Sørensen, R Hrelja, T Rye, C Scholten	Collaboration in public transport planning – Why, how and what?*	Organisation
R Hrelja, T Rye, C Mullen	Partnerships between operators and public transport authorities. Working practices in relational contracting and collaborative partnerships*	Organisation
C Sørensen	A typology of inter-organisational coordination in public transport: The case of timetable planning in Denmark*	Organisation
H Lidestam, C Camén, B Lidestam	Evaluation of cost drivers within public bus transports in Sweden*	Organisation
C Schaaffkamp	Do direct awards lead to better public transport?*	Organisation
Q Miao, M Feeney, F Zhang, E Welch, P Sriraj	Through the storm: Transit agency management in response to climate change*	Organisation
J Godfrey, J Taylor	The role of bus partnerships in Great Britain*	Organisation
J Aarhaug, N Fearnley, F Gregersen, R Norseng	20 years of competitive tendering in the Norwegian bus industry – An analysis of bidders and winning bids	Organisation
E Zolnik, A Malik, Y Irvin-Erickson	Who benefits from bus rapid transit? Evidence from the Metro Bus System (MBS) in Lahore*	Ridership
S Shelat, R Huisman, N van Oort	Analysing the trip and user characteristics of the combined bicycle and transit mode*	Ridership

R Oostendorp, L Gebhardt	Combining means of transport as a users' strategy to optimize traveling in an urban context: empirical results on intermodal travel behavior from a survey in Berlin*	Ridership
G Boisjoly, E Gris�, M Maguire, M Veillette, R Deboosere, E Berrebi, A El-Geneidy	Invest in the ride: A 14 year longitudinal analysis of the determinants of public transport ridership in 25 North American cities	Ridership
G Xu, W Liu, H Yang	A reliability-based assignment method for railway networks with heterogeneous passengers*	Ridership
H Fitt	Habitus and the loser cruiser: How low status deters bus use in a geographically limited field*	Ridership
M Lascano Kezi�, P Durango-Cohen	New ridership for old rail: An analysis of changes in the utilization of Chicago's urban rail system, 1990–2008*	Ridership
E Marek	Social learning under the labeling effect: Exploring travellers' behavior in social dilemmas*	Ridership
M Hasnine, T Lin, A Weiss, K Habib	Determinants of travel mode choices of post-secondary students in a large metropolitan area: The case of the city of Toronto*	Ridership
M Gareth, W Peter	Evaluating the long-term impacts of bus-based park and ride*	Land use
N Lionjanga, C Venter	Does public transport accessibility enhance subjective well-being? A study of the City of Johannesburg*	Land use
C Vergel-Tovar, D Rodriguez	The ridership performance of the built environment for BRT systems: Evidence from Latin America*	Land use
A Kramer	The unaffordable city: Housing and transit in North American cities*	Land use
L Yang, J Zhou, O Shyr, D Huo	Does bus accessibility affect property prices?*	Mode
E Bardaka, M Delgado, R Florax	Causal identification of transit-induced gentrification and spatial spillover effects: The case of the Denver light rail*	Mode
M Poku-Boansi, G Marsden	Bus rapid transit systems as a governance reform project*	Mode
M Diemer, G Currie, C De Gruyter, I Hopkins	Filling the space between trams and place: Adapting the 'Movement & Place' framework to Melbourne's tram network*	Mode
D Nathanael, N Marmaras	From the seat to the system: Re-designing a tram drivers' workstation combining technical and contextual aspects*	Infrastructure
J Mu�oz, J Soza-Parra, A Didier, C Silva	Alleviating a subway bottleneck through a platform gate*	Infrastructure
Z Chen, Y Yin, Z Song	A cost-competitiveness analysis of charging infrastructure for electric bus operations*	Infrastructure
R Merkert, C Mulley, M Hakim	Trade-offs between transaction cost, operation cost and innovation in the context of procurement and asset specificity – The example of the bus industry*	Economics
M Mokonyama, C Venter	How worthwhile is it to maximise customer satisfaction in public transport service contracts with a large captive user base? The case of South Africa*	Economics
X Li, S Castellanos, A Maassen	Emerging trends and innovations for electric bus adoption—a comparative case study of contracting and financing of 22 cities in the Americas, Asia-Pacific, and Europe*	Economics
A Tavassoli, M Mesbah, A Shobeirinejad	Modelling passenger waiting time using large-scale automatic fare collection data: An Australian case study*	Technology
X Luan, Y Wang, B De Schutter, L Meng, G Lodewijks, F Corman	Integration of real-time traffic management and train control for rail networks - Part 1: Optimization problems and solution approaches*	Technology
National Academies of Sciences, Engineering, and Medicine	Tools for a Sustainable Transit Agency	Technology
I Sirmatel, N Geroliminis	Mixed logical dynamical modeling and hybrid model predictive control of public transport operations*	Operations
A Petit, Y Ouyang, C Lei	Dynamic bus substitution strategy for bunching intervention*	Operations
S Xu, T Liu, H Huang, R Liu	Mode choice and railway subsidy in a congested monocentric city with endogenous population distribution*	Policy
F Ferbrache	Developing bus rapid transit*	Literature review

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