

YULAI (SARAH) WAN

Assistant Professor

Department of Logistics and Maritime Studies,

Hong Kong Polytechnic University

Tel.: (852) 2766-7868 Email: sarah.wan@polyu.edu.hk**EMPLOYMENT**

Sept. 2013-present Assistant Professor, Department of Logistics and Maritime Studies, Hong Kong Polytechnic University

EDUCATION

PhD (Transportation and Logistics), University of British Columbia, 2013

MPhil (Operations Management), Chinese University of Hong Kong, 2007

BBA (Hons) in Management Science, City University of Hong Kong, 2005

RESEARCH(i) Papers published in refereed journals:

Jiang, C., D'Alfonso, T. and Wan, Y. (2017) "Air-rail cooperation: Partnership level, market structure and welfare implications", *Transportation Research Part B*, accepted.

Jiang, C., Wan, Y. and Zhang, A. (2017) "Internalization of port congestion: strategic effect behind shipping line delays and implications for terminal charges and investment", *Maritime Policy and Management*, 44(1), 112-130.

Wan, Y., Ha, H.-K., Yoshida, Y. and Zhang, A. (2016) "Airlines' reaction to high speed rail entries: Empirical study of the Northeast Asian market", *Transportation Research Part A*, 94, 532-557.

Wan, Y., Basso, L. J. and Zhang, A. (2016) "Strategic investments in accessibility under port competition and inter-regional coordination", *Transportation Research Part B*, 93, 102-125.

Wan, Y., Jiang, C. and Zhang, A. (2015) "Airport congestion pricing and terminal investment: effects of terminal congestion, passenger types and concessions", *Transportation Research Part B*, 82, 91-113.

Lo, W.W.L., Wan, Y. and Zhang, A. (2015) "Empirical estimation of price and income elasticities of air cargo demand: The case of Hong Kong", *Transportation Research Part A: Policy and Practice*, 78, 309-324.

Jiang, C., Wan, Y., D'Alfonso, T. (2015) "Strategic choice of alliance membership under local competition and global networks", *Journal of Transport Economics and Policy*, 49(2), 316-337.

Wan, Y., Yuen, A. and Zhang, A. (2014) "Effects of hinterland accessibility on U.S. container port efficiency", *International Journal of Shipping and Transport Logistics*, 6(4), 422-440.

Leung, L. C., Wong, W. H., Hui, Y. V. and Wan, Y. (2013) "Managing third-party logistics under uncertainty: a decision scheme and managerial implications", *International Journal of Production Economics*, 145(2), 630-644.

Ha, H.-K., Wan, Y., Yoshida, Y. and Zhang, A. (2013) "Airline market structure and airport efficiency: evidence from major Northeast Asian airports", *Journal of Air Transport Management*, 33, 32-42.

- Wan, Y., Zhang, A. and Yuen, A. (2013) “Urban road congestion, capacity expansion and port competition: empirical analysis of U.S. container ports”, *Maritime Policy and Management*, 40(5), 417-438.
- D’Alfonso, T., Jiang, C. and Wan, Y. (2013) “Airport pricing, concession revenues and passenger types”, *Journal of Transport Economics and Policy*, 47(1), 71-89.
- Wan, Y. and Zhang, A. (2013) “Urban road congestion and seaport competition”, *Journal of Transport Economics and Policy*, 47(1), 55-70.
- Wan, Y., Wong, W. H., Leung, L. C. and Hui, Y. V. (2010) “An airfreight forwarder's shipment planning: simultaneous decisions on job, route and agent selection”, *International Journal of Shipping and Transport Logistics*, 2 (3), pp. 249 – 266.

(ii) Invited book chapters:

- Wan, Y. and Zhang, A. (2017) “Air cargo transport and logistics in Hong Kong and southern China”, in: Zhang, J. and Feng, C.-M. (eds.), *Routledge Handbook of Transport in Asia* (forthcoming).
- Wan, Y. and Zhang, A. (2017) “Airport charges, infrastructure life cycle, and economic impact: a case study of Hong Kong”, in: Kakuya Matsushima and William P. Anderson (eds.) *Transportation, Knowledge and Space in Urban and Regional Economics*, Northampton MA: Edward Elgar (May 2017).
- Wan, Y. and Zhang, A. (2012) “Impacts of emission trading schemes on airline network structure”, *Review of Transport Economics and Logistics (运输经济与物流评论)*, Vol. 3, pp. 42-61.
- Wan, Y. and Zhang, A. (2011) “Chapter 17 effects of emission trading schemes”, in: Macário, R. and Van de Voorde, E. (eds.) *Critical Issues in Air Transport Economics and Business*. Oxford, U.K.: Routledge, pp. 285-318.

(iii) External research grants received

- Strategic Investment in Accessibility: Inter-regional Coordination and Port Ownership, RGC/ECS, PI, HK\$512,137, Jan 2015 - June 2017

(iv) Academic honors and awards

- Early Career Award, RGC, 2014-2015

TEACHING

Courses taught

- Hong Kong, Greater China and Transport Development (Undergrad, CAR-RW subject, since 2013/14)
- Economics of International Transport Logistics (Undergrad, since 2013/14)
- Air Transport Logistics and Management (MSc, since 2013/14)

Postgraduate Research Students Supervised

- Shuli Liu, PhD, chief supervisor, in progress since 2015

SERVICES

- Deputy Program Leader, BBA(Hons) in Aviation Management and Logistics (September 2015-present)
- Department Undergraduate Student Academic Advisor, BBA-ISTL (2014-2016)
- Chair, Departmental Health, Safety and Environmental Committee; Green Officer; Pandemic Coordinator (September 2015-present)
- Organizing Committee Member, International Forum for Shipping, Port and Airport (2014, 2015, 2017)
- Ad hoc paper referee: Transportation Research Part B, Transportation Research Part A, Transportation Research Part E, Maritime Policy and Management, Transport Policy, Journal of Air Transport Management, International Journal of Shipping and Transport Logistics, Networks and Spatial Economics