CURRICULUM VITAE

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Scopus Author ID: 7005145560;h-index: 47 Web of Science Researcher ID: O-7394-2018;h-index: 43
Stanford/Elsevier Top 2% Scientists; SubField 1: Logistics & Transportation; Global rankings: #60 (Career-long) & 44 (Single-year)
ScholarGPS; "Highly Ranked Scholar – Lifetime All": Global rankings: #3 Sustainable Transport

Executive Summary



Becky P.Y. Loo (BA (First Class Honours), PhD (HK), JP, FAcSS (UK), FCIHT, FCILT, FHKSTS, AIIA Fellow) is Professor of Geography at the University of Hong Kong. She is a Fellow of the Academy of Social Sciences, United Kingdom, and a Chang Jiang Chair Professor of the Ministry of Education, China. Becky has held an Honorary Professorship at University College London (UCL) (UK), an Honorary Professorship at Beijing Jiaotong University (China) and a Distinguished Professorship at Liaoning Normal University (China). Her core research interests are i) transit, walkability and urban form; ii) road safety and spatial analysis; iii) sustainability and transport decarbonization; and iv) smart cities. She is a Founding Co-Editor-in-Chief of *Travel Behaviour and Society* and an Associate Editor of *Sustainable Cities and Society* and the *Journal of Transport Geography*. Becky has a proven track record of international research collaboration, research assessments, quality assurance, and academic leadership as a former Head of Department, Associate Dean of Faculty, and University-level Institute Director. She was the first female Head of the Department of Geography since its establishment in 1931. During her term, the QS subject ranking of the Department rose from 23 (2018 release) to 11 (2021 release). She is on the Social Sciences Panel of the Hong Kong Research Assessment Exercise (RAE) 2026 and has been an experienced Panel Member of the European Research Grant Council Advanced Grants. Her team's invention has won a Gold Medal at the International Exhibition of Inventions Geneva 2026. Under the Hong Kong Special Administrative Region (HKSAR) Honours and Awards System to recognise persons who have made an outstanding contribution to society, Becky has been conferred a non-official Justice of Peace (JP). She is committed to fostering people-oriented and place-based interdisciplinary research. Her curriculum vitae is available at www.bpyloo.hku.hk.

I) Research

Notes:
IF_{2025} refers to the latest Clarivate Web of Science Journal Citation Reports Impact Factor.

♣ means Top 10% in the respective subject category. When a journal belongs to more than one category, only the highest category is listed. Details of relevant categories are listed at the end of Section I.2.

❁ means "Representative"

🏆 means "Highly Cited Paper" (Clarivate Web of Science)

* denotes corresponding author

Names of students (including co-supervised) and post-doctoral fellows in her team (past or present) are typed in italics

I.1) SCHOLARLY BOOKS AND MONOGRAPHS

1. Loo, B.P.Y. (2018). *Unsustainable transport and transition in China*. London and New York: Routledge. (ISBN 9781138934511)(Reviews) ❁ **(iii)**

2.	Loo, B.P.Y., & Anderson, T.A. (2016). *Spatial analysis methods of road traffic collisions*. Boca Raton: CRC Press. (ISBN 9781439874127 - CAT# K13435)(Reviews)**(ii)**
3.	Loo, B.P.Y., & Comtois, C. (Eds.). (2015). *Sustainable railway futures: Issues and challenges*. Surrey: Ashgate (ISBN 978-1-4094-5244-7)**(iii)**
4.	Loo, B.P.Y. (2012). *The e-society*. New York: Nova Science. (ISBN 978-1-61209-831-9) **(out of stock)(iv)**
5-9.	Loo, B.P.Y., Lai, P.C., & Lin, H. (2006). *Integrating transportation and geographic information systems: A problem-solving approach*. Hong Kong: Institute of Space and Earth Information Science, CUHK. Six books in total. (ISBN 978-988-98785-2-8/ 3-5/ 4-2/ 5-9/ 6-6) **(out of stock)(ii)**

I.2) JOURNAL ARTICLES AND BOOK CHAPTERS

2027 and Online First

10. Loo, B.P.Y., & *Li, Z.** (2027). Selective co-evolution of innovation and place: Insights from the global electric vehicle industry. *Environmental Innovation and Societal Transitions*, 62, 101211. DOI:10.1016/j.eist.2026.101211 **(IF_{2025}=6.1) [Q1; 83.9%[4]]** (iii)
11. Loo, B.P.Y., & *Liang, Y.** (2026). Electric cable cars as low-carbon rural freight solutions: A sustainability evaluation framework and empirical evidence. *International Journal of Sustainable Transportation*, **online first**. DOI:10.1080/15568318.2026.2742980 **(IF_{2025}=3.1) [Q3; 48.4%[4]](iii)**
12. *Sogbe, E.*, Susilawati S.*, Loo, B.P.Y. (2026). Navigating the daily grind: A latent class analysis of heterogeneity in bus commuter stress. *International Journal of Transportation Science and Technology*, **online first**. DOI: 10.1016/j.ijtst.2025.12.002 **(IF_{2025}=5.1) [Q1; 78.0%[10]] (i)**
13. *Wong, R.W.M.*, & Loo, B.P.Y.* (2026). Using generative AI-powered sustainable building bots for regulatory intelligence and sustainability assessment of construction: Lessons from Hong Kong. *Journal of Urban Technology*, **online first**. DOI:10.1080/10630732.2025.2585282 **(IF_{2025}=4.2) [Q1; 85.5%[13]](iv)**

2026

14. De Gruyter, C., & Loo, B.P.Y. (2026) Conversation with Becky P.Y. Loo, The University of Hong Kong. In C. De Gruyter (Ed.), *Conversations with Leading Transport Researchers: The Unwritten Rules of Academia*. (pp. 142-152). Edward Elgar.
15. *Fan, Z.*, Loo, B.P.Y.*, Duarte, F., Ratti, C., & Moro, E. (2026). Hidden patterns of urban mixing across five global cities. *Nature Cities*, 3, 745-755. https://www.nature.com/articles/s44284-026-00477-1 **(IF_{2025}=15.3) [Q1; 99.4%[13]]** ♣ **(i)**
16. Gu, Z., *Lian, T.*, Li, C., Loo, B.P.Y., Waller, S.T., & Liu, W.* (2026). SMHF: State-conditioned Mamba-Hypernetwork Framework for pedestrian volume estimation under observation sparsity. *Transportation Research Part C: Emerging Technologies*, 194, 106025. DOI:10.1016/j.trc.2026.106025. **(IF_{2025}=8.4) [Q1; 86.9%[11]] (i)**
17. Huang, Z., Zhou, J., Zhou, B., Xiao, H., *Bao, S.**, & Loo, B.P.Y. (2026). A socio-technical transition of the low-altitude economy: Evidence and governance implications from Chinese cities. *Sustainable Futures*, 12, 102092. DOI:10.1016/j.sftr.2026.102092 **(IF_{2025}=6.7) [Q1; 88.5%[25]] (iv)**
18. Koohsari, M. J., Loo, B. P. Y., Zhao, J.*, Li, J., Long, Y., Lu, Y., Oka, K., & Kaczynski, A. T. (2026). Ethical assessment of large language model-generated advisory text on designing the built environment for health. *Developments in the Built Environment*, 27, 101007. DOI:10.1016/j.dibe.2026.101007 **(IF_{2025}=8.7) [Q1; 90.4%[18]]** ♣ **(iv)**
19. Kourtit, K.*, Loo, B.P.Y., & Nijkamp, P. (2026). Editorial: The 15-minute city (15MC): A transportation and accessibility challenge. *Transportation Research Part A: Policy and Practice*, 204, 104795. DOI:10.1016/j.tra.2025.104795 **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ **(i)**
20. Li, J.*, Kaczynski, A.T., Hanibuchi, T., Khan, M.S.H., Zhao, J., Loo, B.P.Y., Long, Y., Lu, Y., Oka, K. & Koohsari, M.J. (2026). Global research on urban density and health: A bibliometric analysis of trends, themes, and research priorities. *Health & Place*, 102, 103757. DOI: 10.1016/j.healthplace.2026.103757 **(IF_{2025}=4.2) [Q1; 84.2%[17]](i)**

21. *Li, Z.*, & Loo, B.P.Y.* (2026). One country, two markets: Hong Kong-China HSR. In Goetz, A.R., Chen, C.-L., & Dobruszkes, F. (Eds.). *Geographies of High-Speed Rail* (pp. 308-314). London: Edward Elgar.
22. *Li, Z.*, & Loo, B.P.Y.* (2026). Revisiting the gravity model: A multi-level comparison of physical and virtual flows among 296 Chinese cities. *Applied Geography*, 191, 104011. DOI:10.1016/j.apgeog.2026.104011 **(IF$_{2025}$=7.4) [Q1; 96.8%^{6}]** ♣ **(iv)**
23. *Li, Z.*, & Loo, B.P.Y.* (2026). Smart mobility and transport inequity: Insights from mobile phone data. *Journal of Urban Mobility*, 10, 100275. DOI; 10.1016/j.urbmob.2026.100275 **(IF$_{2025}$=6.5) [Q1; 94.5%^{6}]** ♣ **(iv)**
24. *Liu, Y.*, & Loo, B.P.Y.* (2026). Carbon trading in the construction industry: A systematic review and a vigorous impact assessment framework to facilitate implementation. *Environmental Impact Assessment Review*, 118, 108271. DOI:10.1016/j.eiar.2025.108271 **(IF$_{2025}$=12.2) [Q1; 96.8%^{4}]** ❁ ♣ **(iii)**
25. Loo, B.P.Y. (2026). Research excellence in a world of change. *Transactions of the Institute of British Geographers*, 51:e12729. DOI:10.1111/tran.12729 **(IF$_{2025}$=3.8) [Q1; 87.1%^{6}]** ❁
26. *Niu, C.*, Loo, B.P.Y., & Xu, J. (2026). How does autonomous ride-hailing pricing shape modal shifts and travel equity? *Journal of Transport Geography*, 104676. DOI:10.1016/j.jtrangeo.2026.104676 **(IF$_{2025}$=6.8) [Q1; 96.2%^{2}]** ♣ **(i)**
27. *Sogbe, E.*, Susilawati S.*, Loo, B.P.Y., Currie, G., Tan, C.P., Teh, P.L., & Vaithilingam. S. (2026). Person-environment fit theory in urban walking: An evaluation of subjective influences and the mediating role of safety and security in Kuala Lumpur. *Cities*, 16, 106551. DOI:10.1016/j.cities.2025.106551 **(IF$_{2025}$=7.0) [Q1; 93.6%^{13}]** ♣ **(i)**
28. Song, M. & Loo, B.P.Y.* (2026). Harnessing green knowledge in small and medium enterprises. *Small Business Economics*, 67: 547-579 DOI:10.1007/s11187-026-01188-6. **(IF$_{2025}$=5.9) [Q1; 93.7%^{2}]** ♣ **(iv)**
29. *Tsoi, K.H., Li, X.*, & Loo, B.P.Y.* (2026). Implications of electric mobility on health and environmental justice. *Journal of Environmental Management*, 413: 130428. DOI: 10.1016/j.jenvman.2026.130428 **(IF$_{2025}$=9.2) [Q1; 90.8%^{2}]** ♣ ❁ **(iii)**
30. *Tsoi, K.H.,* & Loo, B.P.Y.* (2026). A multiscale assessment on negative transport externalities: Magnitude, composition and policy implications. *Research in Transportation Economics,* 116: 101732. DOI:10.1016/j.retrec.2026.101732 **(IF$_{2025}$=4.2) [Q1; 88.1%^{2}]** ❁ **(iii)**
31. *Wong, R.W.M.*, & Loo, B.P.Y.* (2026). Integrated sustainable building features and smart hotel management: Evidence from seven years of hotel operational data. *International Journal of Hospitality Management*, 133: 104488. DOI:10.1016/j.ijhm.2025.104488 **(IF$_{2025}$=8.3) [Q1; 92.6%^{32}]** ❁ ♣ **(iii)**

2025

32. *Fan, Z.*, & Loo, B.P.Y.* (2025). Urban visual clusters and road transport fatalities: A global city-level image analysis. *Communications in Transportation Research*, 5, 100193. DOI:10.1016/j.commtr.2025.100193 **(IF$_{2025}$=12.7) [Q1; 99.2%^{10}]** ♣ **(ii)**
33. Feng, X.*, Xu, M., Zhong, Y., Li, Q., Loo, B.P.Y., & Xiu, C. (2025). Urban resilience and panarchy: Insights from Nanchang City, China. *Cities*, 162, 105934. DOI:10.1016/j.cities.2025.105934 **(IF$_{2025}$=7.0) [Q1; 93.6%^{13}]** ♣ **(iii)**
34. Huang, J., Fan, W., Wang, J.*, Loo, B.P.Y., & Qi, W. (2025). Long commuting, social inequality, and urban development with scaling laws in China. *The Innovation Geoscience*, 3(4), 100164. DOI:10.59717/j.xinn-geo.2025.100164 **(i)**
35. Jing, S., Chen, Z., Zhang, H.*, Loo, B.P.Y. & Lin, H. (2025). Using multi-sourced data to evaluate walkability in urban and rural Hong Kong: A multidimensional framework. *Information Geography*, 1, 100029. DOI:10.1016/j.infgeo.2025.100029 **(ii)**

36. *Li, Z.**, & Loo, B.P.Y. (2025). Information and planning. In: Nijkamp, P., Kourtit, K., Haynes, K.E. & Elburz, Z. (Eds.) *Thematic Encyclopedia of Regional Science* (part F.II.3, pp. 522-523), n.p.: Edward Elgar. DOI:10.4337/9781800379282.00262

37. *Liu, Y.*, & Loo, B.P.Y.* (2025). Circular economy application in construction: An evaluation of modular integrated construction (MiC) lifecycle assessments. *Journal of Building Engineering*, 111, 113306. DOI:10.1016/j.jobe.2025.113306 **(IF_{2025}=8.1) [Q1; 93.0%[14]]** ♣ **(iii)**

38. Loo, B.P.Y. (2025). Micromobilities: The turn to health, social interaction and inclusivity. *Social Science & Medicine*, 385, 118602. DOI:10.1016/j.socscimed.2025.118602 **(IF_{2025}=4.1) [Q1; 92.7%[19]]** ♣ **(ii)**

39. Loo, B.P.Y., & *Lian, T.** (2025). Impacts of public health crises on travel behaviour of people with disabilities: Insights from Hong Kong. *Travel Behaviour and Society*, 41, 101108. DOI:10.1016/j.tbs.2025.101108 **(IF_{2025}=5.8) [Q1; 81.1%[10]](i)**

40. Loo, B.P.Y., & *Lian, T.** (2025). Slow mobility & medicine: A critical review. *Social Science & Medicine*, 382, 118347. DOI:10.1016/j.socscimed.2025.118347 **(IF_{2025}=4.1) [Q1; 92.7%[19]]** ♣ ❁ **(ii)**

41. Nadimi, N.*, Loo, B.P.Y., Mansourifar, R., Zayandehroodi, M.A., & Kazemi, M. (2025). Earthquake-related evacuation transportation: Insights from Kerman, Iran. *Cities*, 158, 105713. DOI:10.1016/j.cities.2025.105713 **(IF_{2025}=7.0) [Q1; 93.6%[13]]** ♣ **(i)**

42. Salazar-Miranda, A., *Fan, Z.*, Baick, M., Hampton, K.N., Duarte, F., Loo, B.P.Y., Glaeser, E.*, & Ratti, C. (2025). Exploring the social life of urban spaces through AI. *Proceedings of the National Academy of Sciences of the United States of America, PNAS*, 122, 30, e2424662122. DOI:10.1073/pnas.2424662122 **(IF_{2025}=9.5) [Q1; 90.4%[20]]** ♣ **(iv)**

43. Tilly, N., Yigitcanlar, T.*, Degirmenci, He, S., Loo, B.P.Y. & Paz, A. (2025). Electric vehicles and sustainable development goals: A multi-level governance analysis. *Transport Policy*, 171, 239-255. DOI:10.1016/j.tranpol.2025.06.008 **(IF_{2024}=5.3) [Q1; 92.5%[2]]** ♣ **(iii)**

44. Wandelt, S., Zhang, A. Antoniou, C., Budd, L., Castro-Nuno, M., Ding, A., Eliasson, J., Goessling, S., He, S., Ison, S., Jiang, C., Lam, J.S.L., Li, K., Liu, Z., Loo, B.P.Y., Ma, X., Ortúzar, J.d.D., Oviedo-Trespalacios, O., Wang, D., & Sun, X.* (2025). The Hitchhiker's Guide to challenges in transport policy research: Towards ANSWERing questions regarding life, mobility, and everything. *Transportation Research Part A-Policy and Practice*, 200, 104650. Doi:10.1016/j.tra.2025.104650 **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ **(i)**

45. *Wang, B.*, Feng, X., Loo, B.P.Y., Xue, D., Liu, J.*, & Tong, S. (2025). Hedonic price effects of homeworking under the COVID-19: Evidence from housing markets in Guangzhou, China. *Journal of Housing and the Built Environment*, 40: 629-653. DOI:10.1007/s10901-023-10102-5 **(IF_{2025}=3.4) [Q3;79.7%[13]](i)**

46. *Wang, H.*, *Tsoi, K.H.*, & Loo, B.P.Y.* (2025). An assessment framework for 15-minute cities: Progress worldwide and the impact of urban form. *Transportation Research Part A-Policy and Practice*, 199, 104583. DOI:10.1016/j.tra.2025.104583 **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ ❁ **(i)**

47. Wang, J., Cao, J., Cao, W., Chen, C.-L., Dobruszkes, F., Ducruet, C., Fu, X., Goetz, A.R., Guo, J., Huang, J., Li, Y., Loo, B.P.Y., Schwanen, T., Wang, L., Yang, D., Zhang, A., Zong, H., & Wu Q.* (2025). Transport geography: An interdisciplinary and cross-continent dialogue (交通地理学的学科内涵、特色与研究前沿：跨学科对话). *Geographical Research (地理研究)*, 44, 7, 1733-1754. DOI:10.11821/dlyj020250562 **(In Chinese)**

48. *Wong, R.W.M.*, & Loo, B.P.Y.* (2025). Improving energy efficiency in hotels through evolutionary digital twin technology: A conceptual framework and empirical evidence. *Buildings*, 15, 4406. DOI: 10.3390/buildings15244406 **(IF_{2025}=3.4) [Q2; 67.1%[14]]** ♣ **(iii)**

49. Wu, S., Guo, J.*, Zhang, Y., Qin, Y., Liang, M., Li, P., & Loo, B.P.Y.* (2025). Port-city dynamics and coupling relationships in China. *Cities*, 166, 106218. DOI:10.1016/j.cities.2025.106218 **(IF_{2025}=7.0) [Q1; 93.6%[13]]** ♣ **(iii)**

50. Zhang, X., Loo, B.P.Y., Wang, L.*, & Wei, S. (2025). Disparities in high-speed rail accessibility in the Yangtze River Delta, China: A door-to-door travel time perspective. *Research in Transportation Business & Management*, 59, 101308. DOI:10.1016/j.rtbm.2025.101308 **(IF_{2025}=4.2) [Q1; 88.1%[2]](iii)**

51. Zhang, Y., Liang, K.*, & Loo, B.P.Y. (2025). Measuring dynamic accessibility by metro system under travel time uncertainty based on smart card data. *Journal of Transport Geography*, 127, 104294. DOI:10.1016/j.jtrangeo.2025.104294 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ **(i)**

2024

52. Feng, X., Zeng, F., Loo, B.P.Y.*, & Zhong, Y. (2024). The evolution of urban ecological resilience: An evaluation framework based on vulnerability, sensitivity and self-organization. *Sustainable Cities and Society*, 105933. DOI:10.1016/j.scs.2024.105933 **(IF_{2025}=13.3) [Q1; 97.6%[18]]** ♣ **(iii)**

53. Gao, W., Cui, M., Pan, E., & Loo, B.P.Y.***** (2024). Green commuting within the x-minute city: Towards a systematic evaluation of its feasibility. *Journal of Transport Geography*, 121, 104003. DOI:10.1016/j.jtrangeo.2024.104003 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ **(i)**

54. Guo, C., Loo, B.P.Y., Feng, K., Gao, H.O., & Zhang, K.* (2024). Fifteen pathways between electric vehicles and public health: A transportation-health conceptual framework. *Environment & Health*, 2, 848-853. DOI:10.1021/envhealth.4c00156 **(IF_{2025}=8.8) [Q1; 96.0%[17]]** ♣ **(iii)**

55. *Li, L.,* & Loo, B.P.Y.***** (2024). Beyond short-term impact of COVID-19 on transport decarbonization: A scenario analysis of passenger and freight transport by mode in China, 2020-2030. *Energy Sustainability and Society*, 14, 56. DOI:10.1186/s13705-024-00487-8 **(IF_{2025}=5.7) [Q2; 57.9%[33]](iii)**

56. *Lian, T.,* & Loo, B.P.Y.***** (2024). Cost of travel delays caused by traffic crashes. *Communications in Transportation Research*, 4, 100124. DOI:10.1016/j.commtr.2024.100124 **(IF_{2025}=12.7) [Q1; 99.2%[10]]** ♣ **(ii)**

57. *Lian, T.*, Loo, B.P.Y.*, & *Fan, Z.* (2024). Advances in estimating pedestrian measures through artificial intelligence: From data sources, computer vision, video analytics to the prediction of crash frequency. *Computers Environment and Urban Systems*, 107, 102057. DOI:10.1016/j.compenvurbsys.2023.102057 **(IF_{2025}=8.9) [Q1; 97.4%[6]]** ♣ ❁ **(i)**

58. Loo, B.P.Y., *Fan, Z.** & Moro, E. (2024). Residential and experienced social segregation: The roles of different transport modes, metro extensions, and longitudinal changes in Hong Kong. *Humanities & Social Sciences Communications*, 11, 1439. DOI:10.1057/s41599-024-03963-w. **(IF_{2025}=4.8) [Q1; 96.9%[9]]** ♣ ❁ **(i + iv)**

59. Loo, B.P.Y., *Lian, T.**, & Frank, L.D. (2024). Walking (in)convenience: An in-depth study of pedestrian detours to daily facilities. *Journal of the American Planning Association*, 90(4), 742-757. DOI:10.1080/01944363.2024.2310613 **(IF_{2025}=4.2) [Q1; 85.5%[13]]** ❁ 🏆 **(i)**

60. Loo, B.P.Y.*, & Ochieng, W.Y. (2024). Editorial: The nexus of people, environment and infrastructure in future cities. *Sustainable Cities and Society*, 109, 105501. DOI:10.1016/j.scs.2024.105501 **(IF_{2025}=13.3) [Q1; 97.6%[18]]** ♣

61. Loo, B.P.Y., & *Tsoi, K.H.** (2024). Stressors for bus commuters and ways of improving bus journeys. *Transportation Research Part A-Policy and Practice*, 187, 104164. DOI:10.1016/j.tra.2024.104164 **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ **(i)**

62. Loo, B.P.Y., *Tsoi, K.H.**, Feng, X., Zhang, H., Lin, Y., *Huang, Z.*, Lafortezza, R., Xu, Z., & Lin, H. (2024). Cities and urbanization: Balancing the environmental and socioeconomic dimensions of sustainability. *Advanced Sustainable Systems*, 2024, 2300401. DOI:10.1002/adsu.202300401 **(IF_{2025}=5.6) [Q2; 66.6%[26]]** ❁ **(iii)**

63. Loo, B.P.Y., & *Wang, H.** (2024). Dynamics of in-station time within metro systems: Measurement and determining factors. *Tunnelling and Underground Space Technology*, 153, 106006. DOI:10.1016/j.tust.2024.106006 **(IF_{2025}=8.7) [Q1; 95.5%[14]]** ♣ **(i)**

64. Loo, B.P.Y., & *Zhang, F.** (2024). Design of public open space: Site features, playing, and physical activity. *Health and Place*, 85, 103149. DOI:10.1016/j.healthplace.2023.103149 **(IF_{2025}=4.2) [Q1; 84.1%[17]](iv)**

65. *Tsoi, K.H.**, & Loo, B.P.Y. (2024). Electrification of road freight transport: A case study of the Greater Bay Area, China. In Cuong, H-M, Cao, H.P., Hanh, T.H.V., & Dat, V.K.H. (Eds.). *Proceedings of the 7th International Conference on Geotechnics, Civil Engineering and Structures, CIGOS 2024, 4–5 April, Ho Chi Minh City, Vietnam* (pp. 807-815). Singapore: Springer Nature. DOI:10.1007/978-981-97-1972-3_90 **(iii)**

66. *Wang B.*, Loo, B.P.Y., Liu, J.*, Lei, Y., & Zhou, L. (2024). Urban vibrancy and air pollution: Avoidance behaviour and the built environment. *International Journal of Urban Sciences*, 28(4), 611-630. DOI:10.1080/12265934.2024.2320932 **(IF_{2025}=2.2) [Q1; 54.1%[13]](i + iii)**

67. *Wang B.,* Loo, B.P.Y.*, *Zhang, F.* (2024). Aging in place: Towards understanding momentary wellbeing and daily satisfaction of older people. *Annals of the American Association of Geographers*, 114(9), 2044-2067. DOI:10.1080/24694452.2024.2370919 **(IF_{2025}=3.8) [Q1; 87.1%[6]]** ❁ **(i + iv)**

68. *Wang, H.*, & Loo, B.P.Y.* (2024). The public transport disadvantaged in a highly transit-oriented city: An analytical framework, key challenges and opportunities. *Journal of Transport Geography*, 120, 103983. DOI:10.1016/j.jtrangeo.2024.103983 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ **(i)**

69. *Zhang, F.*, Loo, B.P.Y.*, Lan, H., Chan, A., & Hsiao, J.H. (2024). Jobs-housing balance and travel patterns among different occupations as revealed by Hidden Markov mixture models: The case of Hong Kong. *Transportation*, 51, 1857-1877. DOI:10.1007/s11116-023-10390-4 **(IF_{2025}=4.1) [Q1; 75.4%[14]](i)**

70. Zhou, S., Chai, Y.*, Kwan, M.-P., Loo, B.P.Y., Wang, D., Wang, D., Cao, X., Meng, B., Gao, X., Zhang, Y., Wang, F., & Zhu, W. (2024). Theoretical, methodological, and applied frontiers of behavioral geography in China (中国行为地理学的理论与方法研究前沿). *Geographical Research (地理研究)*, 43(9), 2235-2258. DOI: 10.11821/dlyj020240661 **(in Chinese)(i)**

2023

71. Chu, K.-F., Lam, A.Y.S.*, *Tsoi, K.H.*, *Huang, Z.*, & Loo, B.P.Y. (2023). Deep encoder cross network for estimated time of arrival. *IEEE Access*, 11, 76095-76107. DOI:10.1109/ACCESS.2023.3294345 **(IF_{2025}=4.2) [Q2; 66.5%[29]](i + iv)**

72. *Fan, Z.*, Zhang, F.*, Loo, B.P.Y., & Ratti, C. (2023). Urban visual intelligence: Uncovering hidden city profiles with street view images. *Proceedings of the National Academy of Sciences of the United States of America, PNAS*, 120 (7), e2220417120. DOI:10.1073/pnas.2220417120 **(IF_{2025}=9.5) [Q1; 90.4%[20]]** ♣ 🏆 **(iv)**

73. Guo, C., Lanza, K., Li, D., Zhou, Y., Aunan, K., Loo, B.P.Y., Lee, J., Luo, B., Duan, X., Zhang, W., Zhang, Z., Lin, S., & Zhang, K.* (2023). Impact of heat on all-cause and cause-specific mortality: A multi-city study in Texas. *Environmental Research*, 224, 115456. DOI:10.1016/j.envres.2023.115453 **(IF_{2025}=8.2) [Q1; 95.5%[17]]** ♣ **(iii)**

74. *Huang, Z.*, & Loo, B.P.Y.* (2023). Vulnerability assessment of urban rail transit in face of disruptions: A framework and some lessons from Hong Kong. *Sustainable Cities and Society*, 98, 104858. DOI:10.1016/j.scs.2023.104858 **(IF_{2025}=13.3) [Q1; 97.6%[18]]** ♣ ❁ **(i)**

75. *Huang, Z.*, & Loo, B.P.Y.* (2023). Urban traffic congestion in twelve large metropolitan cities: A thematic analysis of local news contents, 2009-2018. *International Journal of Sustainable Transportation*, 17(6), 592-614. DOI:10.1080/15568318.2022.2076633 **(IF_{2025}=3.1) [Q3; 48.4%[4]]** ❁ **(i + iv)**

76. *Huang, Z.**, Loo, B.P.Y., & Axhausen, K.W. (2023). Travel behaviour changes under work-from-home (WFH) arrangements during COVID-19. *Travel Behaviour and Society*, 30, 202-211. DOI:10.1016/j.tbs.2022.09.006 **(IF_{2025}=5.8) [Q1; 81.1%[10]](i)**

77. Loo, B.P.Y., & *Fan, Z.** (2023). Social interaction in public space: Spatial edges, moveable furniture, and visual landmarks. *Environment and Planning B-Urban Analytics and City Science*, 50(9), 2510-2526. DOI:10.1177/23998083231160549 **(IF_{2025}=2.9) [Q1; 77.3%[6]]** ❁ **(iv)**

78. Loo, B.P.Y., *Fan, Z.*, Lian, T.*, & *Zhang, F.* (2023). Using computer vision and machine learning to identify bus safety risk factors. *Accident Analysis and Prevention*, 185, 107017. DOI:10.1016/j.aap.2023.107017 **(IF$_{2025}$=7.4) [Q1; 98.4%[9]]** ♣ ❁ 🏆 **(ii)**

79. Loo, B.P.Y., & *Huang, Z.* (*2023). Location matters: High-speed railway (HSR) stations in city evolution. *Cities*, 139, 104380. DOI:10.1016/j.cities.2023.104380 **(IF$_{2025}$=7.0 [Q1; 93.6%[13]]** ♣ ❁ **(iii)**

80. Loo, B.P.Y., *Li, L.**, & Namdeo, A. (2023). Reducing road transport emissions for climate policy in China and India. *Transportation Research Part D-Transport and Environment*, 122, 103895. DOI:10.1016/j.trd.2023.103895 **(IF$_{2025}$=8.7) [Q1; 93.2%[10]]** ♣ ❁ **(iii)**

81. Loo, B.P.Y., *Li, X.**, & *Wong, R.W.M.* (2023). Environmental comparative case studies on modular integrated construction and cast-in-situ construction methods. *Journal of Cleaner Production*, 428, 139303. DOI:10.1016/j.jclepro.2023.139303 **(IF$_{2025}$=10.7) [Q1; 93.3%[3]]** ♣ ❁ **(iii)**

82. Loo, B.P.Y., *Tsoi, K.H.**, Axhausen, K.W., Cao, M., Lee, Y., & Koh, K.P. (2023). Spatial risk for a superspreading environment: Insights from six urban facilities in six global cities across four continents. *Frontiers in Public Health*, 11, 1128889. DOI:10.3389/fpubh.2023.1128889 **(IF$_{2025}$=4.1) [Q1; 83.2%[17]]** ❁ **(ii)**

83. Loo, B.P.Y., *& Wong, R.W.M.** (2023). Towards a conceptual framework of using technology to support smart construction: The case of modular integrated construction (MiC). *Buildings*, 13(2), 372. DOI:10.3390/buildings13020372 **(IF$_{2025}$=3.4) [Q2; 67.1%[14]](iv) [Editor's Choice]**

84. *Tsoi, K.H.,* & Loo, B.P.Y.* (2023). A people-environment framework in evaluating transport stress among rail commuters. *Transportation Research Part D-Transport and Environment*, 121, 103833. DOI:10.1016/j.trd.2023.103833 **(IF$_{2025}$=8.7) [Q1; 93.2%[10]]** ♣ ❁ **(i)**

85. *Tsoi, K.H.*, Loo, B.P.Y.*, *Li, X.*, & Zhang, K. (2023). The co-benefits of electric mobility in reducing traffic noise and chemical air pollution: Insights from a transit-oriented city. *Environment International*, 178, 108116. DOI:10.1016/j.envint.2023.108116 **(IF$_{2025}$=10.2) [Q1; 92.5%[4]]** ♣ ❁ **(iii)**

86. *Wang, H.*, Li, J., Wang, P., Teng, J.*, & Loo, B.P.Y. (2023). Adaptability analysis methods of demand responsive transit: A review and future directions. *Transport Reviews*, 43(4), 676-697. DOI:10.1080/01441647.2023.2165574 **(IF$_{2025}$=11.0) [Q1; 97.7%[10]]** ♣ **(i)**

87. *Zhang, F.*, & Loo, B.P.Y.* (2023). Open space dynamics during coronavirus disease-2019. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 176(4), 196-210. DOI:10.1680/jmuen.23.00020 **(IF$_{2025}$=1.2) [Q3; 25.1%[14]](iv)**

2022

88. *Fan, Z.*, Zhang, F., & Loo, B.P.Y.* (2022). Rhythm of transit stations - Uncovering the activity-travel dynamics of transit-oriented development in the U.S. *IEEE Transactions on Intelligent Transportation Systems*, 23(8), 12503-12517. DOI:10.1109/TITS.2021.3115103 **(IF$_{2025}$=9.1) [Q1; 96.1%[14]]** ♣ **(i)**

89. Hess, S.*, Lancsar, E., Mariel, P., Meyerhoff, J., Song, F., van den Broek-Altenburg, E., Alaba, O.A., Amaris, G., Arellana, J., Basso, L.J., Benson, J., Bravo-Moncayo, L., Chanel, O., Choi, S., Crastes, R. Cybis, H.B., Dorner, Z., Falco, P., Garzón-Pérez, L., Glass, K., Guzman, L.A., *Huang, Z.,* Huynh, E., Kim, B., Konstantinus, A., Konstantinus, I., Larranaga, A.M., Longo, A., Loo, B.P.Y., Moyo, H.T., Oehlmann, M., O'Neill, V., Ortúzar, J. de D., Sanz Sánchez, M.J., Sarmiento, O.L., Tucker, S., Wang, Y., Wang, Y., Webb, E.J.D., Zhang, J. & Zuidgeest M. (2022). The path towards herd immunity: Predicting COVID-19 vaccination uptake through results from a stated choice study across six continents. *Social Science and Medicine*, 298, 114800. DOI:10.1016/j.socscimed.2022.114800 **(IF$_{2025}$=4.1) [Q1; 92.7%[19]]** ♣ **(ii)**

90. Jones, P., Loo, B.P.Y.*, & Zhao, P. (2022). Editorial: Cities for people: Reclaiming the city. *Journal of Transport Geography*, 105, 103486. DOI:10.1016/j.jtrangeo.2022.103486 **(IF$_{2025}$=6.8) [Q1; 96.2%[2]]** ♣ **(i)**

91. Koh, K.*, Tang, K.C., Axhausen, K., & Loo, B.P.Y. (2022). A metropolitan-scale, three-dimensional agent-based model to assess the effectiveness of the Covid-19 Omicron wave interventions in a

hyperdense city: A case study of Hong Kong. *International Journal of Infectious Diseases*, 122, 534-536. DOI:10.1016/j.ijid.2022.06.042 **(IF$_{2025}$=4.6) [Q1; 81.9%[12]](ii)**

92. Loo, B.P.Y., & Axhausen, K. (2022). Getting out of energy-intensive and "dirty" transport for sustainable societies. *The Innovation*, 3(6), 100339. DOI:10.1016/j.xinn.2022.100339 **(IF$_{2025}$=39.5) [Q1; 97.5%[20]]** ♣ ✿ **(iii)**

93. Loo, B.P.Y., & *Huang, Z.** (2022). Spatio-temporal variations of traffic congestion under work from home (WFH) arrangements: Lessons learned from COVID-19. *Cities*, 124, 103610. DOI:10.1016/j.cities.2022.103610 **(IF$_{2025}$=7.0) [Q1; 93.6%[13]]** ♣ **(i)**

94. Loo, B.P.Y., & *Tsoi, K.H.** (2022). Road safety strategies necessary in the second Decade of Road Safety. *Journal of Global Health*, 12, 03081. DOI:10.7189/jogh.12.03081 **(IF$_{2025}$=5.5) [Q1; 90.6%[17]]** ♣ ✿ **(ii)**

95. *Tsoi, K.H.*, & Loo, B.P.Y.* (2022). Bus bunching from a stop-based perspective: Insights from visual analytics. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 175(1), 2-15. DOI:10.1680/jmuen.21.00026 **(IF$_{2025}$=1.2) [Q3; 25.1%[14]](iv)**

96. *Tsoi, K.H.,* Loo, B.P.Y.*, Tal, G., & Sperling, D. (2022). Pioneers of electric mobility: Lessons about transport decarbonisation from two bay areas. *Journal of Cleaner Production*, 330, 129866. DOI:10.1016/j.jclepro.2021.129866 **(IF$_{2025}$=10.7) [Q1; 93.3%[3]]** ♣ ✿ **(iii)**

97. *Wang, B.*, Loo, B.P.Y.*, & Huang, G. (2022). Becoming smarter through smart city pilot projects: Experiences and lessons from China since 2013. *Journal of Urban Technology*, 29(4), 3-24. DOI:10.1080/10630732.2021.1962695 **(IF$_{2025}$=4.2) [Q1; 85.5%[13]](iv)**

98. *Wong, R.W.M.*, & Loo, B.P.Y.* (2022). Sustainability implications of using precast concrete in construction: An in-depth project-level analysis spanning two decades. *Journal of Cleaner Production*, 378, 134486. DOI:10.1016/j.jclepro.2022.134486 **(IF$_{2025}$=10.7) [Q1; 93.3%[3]]** ♣ ✿ **(iii)**

99. Yan, W., Wong, S.C., Loo, B.P.Y., *Wu, C.Y.H.*, Huang, H., Peng, X., & Meng, F.* (2022). An assessment of the effect of green signal countdown timers on drivers' behavior and on road safety at intersections, based on driving simulator experiments and naturalistic observation studies. *Journal of Safety Research*, 82, 1-12. DOI:10.1016/j.jsr.2022.04.001 **(IF$_{2025}$=4.3) [Q1; 94.4%[9]]** ♣ **(ii)**

100. *Zhang, F.,* Loo, B.P.Y.*, & *Wang, B.* (2022). Aging in place: From the neighborhood environment, sense of community to life satisfaction. *Annals of the American Association of Geographers*, 112(5), 1484-1499. DOI:10.1080/24694452.2021.1985954 **(IF$_{2025}$=3.8) [Q1; 87.1%[6]](i)**

2021

101. *Fan, Z.*, & Loo, B.P.Y.* (2021). Street life and pedestrian activities in smart cities: Opportunities and challenges for computational urban science. *Computational Urban Science*, 1, 26. DOI:10.1007/s43762-021-00024-9 **(IF$_{2025}$=3.7) [Q2; 68.1%[15]](i+iv)**

102. Lam, Y.F.*, Chang, J.M.H., Loo, B.P.Y., Zhang, H., Leung, K.K.M., & Axhausen, K. (2021). Screening approach for short-term PM2.5 health co-benefit: A case study from 15 metropolitan cities around the world during the CO-VID-19 pandemic. *Atmosphere*, 13(1), 18. DOI:10.3390/atmos13010018 **(IF$_{2025}$=2.6) [Q3; 36.4%[30]](i)**

103. *Leung, K.Y.K.**, Loo, B.P.Y., Tsui, K.L., So F.L., & Fok, E. (2021). To cross or not to cross: A closer look at children's decision-making on the road. *Transportation Research Part A-Policy and Practice*, 149, 1-11. DOI:10.1016/j.tra.2021.04.011 **(IF$_{2025}$=7.2) [Q1; 96.7%[2]]** ♣ **(ii)**

104. Loo, B.P.Y.* (2021). Walking towards a happy city. *Journal of Transport Geography*, 93, 103078. DOI:10.1016/j.jtrangeo.2021.103078 **(IF$_{2025}$=6.8) [Q1; 96.2%[2]]** ♣ ✿ **(i)**

105. Loo, B.P.Y., & *Huang, Z.** (2021). Delineating traffic congestion zones in cities: An effective approach based on GIS. *Journal of Transport Geography*, 94, 103108. DOI:10.1016/j.jtrangeo.2021.103108 **(IF$_{2025}$=6.8) [Q1; 96.2%[2]]** ♣ **(iv)**

106. Loo, B.P.Y., *Tsoi, K.H.,* Wong, P.P.Y., & Lai, P.C.* (2021). Identification of superspreading environment under COVID-19 through human mobility data. *Scientific Reports*, 11, 4699. DOI:10.1038/s41598-021-84089-w **(IF$_{2025}$=4.9) [Q1; 85.4%[20]]** ✿ **(ii + iv)**

107. Loo, B.P.Y.*, *Zhang, F.,* Hsiao, J.H., Chan, A.B., & Lan, H. (2021). Applying the Hidden Markov Model to analyse urban mobility patterns: An interdisciplinary approach. *Chinese Geographical Science*, 31, 1–13. DOI:10.1007/s11769-021-1173-0 **(IF$_{2025}$=4.0) [Q2; 55.8%[3]](i)**
108. Olsen, J.R.*, *Leung, K.Y.K.*, Nicholls, N., & Loo, B.P.Y. (2021). Do neighbourhood characteristics matter in understanding school children's active lifestyles? A cross-region multi-city comparison of Glasgow, Edinburgh and Hong Kong. *Childrens Geographies*, 19(4), 488-504. DOI:10.1080/14733285.2020.1828826 **(IF$_{2025}$=2.4) [Q2; 70.4%[6]](i + ii)**
109. Swift, A., Cheng, L.*, Loo, B.P.Y., Cao. M., & Witlox, F. (2021). Step-free railway station access in the UK: The value of inclusive design. *European Transport Research Review*, 13, 45. DOI:10.1186/s12544-021-00504-3 **(IF$_{2025}$=5.8) [Q2; 81.1%[10]](i)**
110. *Tsoi, K.H.,* Loo, B.P.Y.*, & Banister, D. (2021). "Mind the (Policy-Implementation) gap": Transport decarbonisation policies and performances of leading global economies (1990-2018). *Global Environmental Change-Human and Policy Dimensions*, 68, 102250. DOI:10.1016/j.gloenvcha.2021.102250 **(IF$_{2025}$=9.3) [Q1; 98.0%[6]]** ♣ ✿ **(iii)**
111. *Tsoi, K. H.*, & Loo, B.P.Y.* (2021). Cutting the loss: International benchmarking of a sustainable ferry business model. *Transportation Research Part A: Policy and Practice*, 145, 167-188. DOI:10.1016/j.tra.2021.01.007 **(IF$_{2025}$=7.2) [Q1; 96.7%[2]]** ♣ ✿ **(i + iii)**
112. *Tsoi, K.H.*, & Loo, B.P.Y.* (2021). Public transport and the environment. In Mulley, C., Nelson, J., & Ison, S. (Eds.). *The Routledge Handbook of Public Transport* (pp. 93-106). London: Routledge. **(i+iii)**
113. *Zhang, F.*, & Loo, B.P.Y.* (2021). Transport demand management. In Vickerman, R.W. (Ed.). *International Encyclopedia of Transportation* (volume 4, pp. 537-543). n.p.: Elsevier. DOI:10.1016/B978-0-08-102671-7.10380-X **(i)**
114. Zhang, H., Lin, Y., Wei, S., Loo, B.P.Y., Lai, P.C., Lam, Y.F.*, Wan, L., & Li, Y. (2021). Global association among satellite-derived nitrogen dioxide and lockdown policies under the COVID-19 pandemic. *Science of the Total Environment*, 761, 144148. DOI:10.1016/j.scitotenv.2020.144148 **(IF$_{2025}$=8.0) [Q1; 89.8%[3]](i + ii)**

2020

115. *Lam, W. W.Y.*, Loo, B.P.Y.*, & Mahendran, R. (2020). Neighbourhood environment and depressive symptoms among the elderly in Hong Kong and Singapore. *International Journal of Health Geographics*, 19, 48. DOI:10.1186/s12942-020-00238-w **(IF$_{2025}$=4.1) [Q1; 83.2%[17]](i + ii)**
116. *Leung, K.Y.K.**, & Loo, B.P.Y. (2020). Determinants of children's active travel to school: A case study in Hong Kong. *Travel Behaviour and Society*, 21, 79-89. DOI:10.1016/j.tbs.2020.05.009 **(IF$_{2025}$=5.8) [Q1; 81.1%[10]](i)**
117. Loo, B.P.Y. (2020). Transport, Urban. In Kobayashi, A. (Ed.). *International Encyclopedia of Human Geography*, second edition (vol. 13, pp. 457–462). Oxford: Elsevier. DOI:10.1016/B978-0-08-102295-5.10352-X. ISBN: 9780081022955 **(i)**
118. Loo, B.P.Y., *Leung, K.Y.K.**, & Chan, F.C.H. (2020). How short-term cycling training promotes cycling among schoolchildren in high-density cities. *International Journal of Sustainable Transportation*, 14(11), 872-885. DOI:10.1080/15568318.2019.1642971 **(IF$_{2025}$=3.1) [Q3; 48.8%[4]](i + ii)**
119. Loo, B.P.Y., *Tsoi, K.H.*,* & Banister, D. (2020). Recent experiences and divergent pathways to transport decoupling. *Journal of Transport Geography*, 88, 102826. DOI:10.1016/j.jtrangeo.2020.102826 **(IF$_{2025}$=6.8) [Q1; 96.2%[2]]** ♣ ✿ **(iii)**
120. Satria, R., *Tsoi, K.H.**, Castro, M., & Loo, B.P.Y. (2020). A combined approach to address road traffic crashes beyond cities: Hot zone identification and countermeasures in Indonesia. *Sustainability*, 12, 1801, 1-19. DOI:10.3390/su12051801 **(IF$_{2025}$=4.1) [Q2; 65.6%[4]](ii)**
121. *Tsoi, K.H.*, & Loo, B.P.Y.* (2020). Generational change and travel. In Curtis, C. (Ed.) *Handbook of Sustainable Transport* (pp. 357-367). n.p.: Edward Elgar. **(i)**
122. *Wang, B.,* Loo, B.P.Y.*, Zhen, F., & Xi, G. (2020). Urban resilience from the lens of social media data: Responses to urban flooding in Nanjing, China. *Cities*, 106, 102884. DOI:10.1016/j.cities.2020.102884 **(IF$_{2025}$=7.0) [Q1; 93.6%[13]]** ♣ ✿ **(iv)**

123. *Wang, B.*, Loo, B.P.Y.*, & Lu, L. (2020). Situating high-speed railway (HSR) stations within local urban contexts: Passenger satisfaction about intermodal integration at the Hong Kong HSR station. *Built Environment*, 46(3), 362-378. DOI:10.2148/benv.46.3.362 **(i)**

2019

124. Chu, K.-F.*, Lam, A.Y.S., Loo, B.P.Y., & Li, V.O.K. (2019). Public transport waiting time estimation using semi-supervised graph convolutional networks. *2019 IEEE Intelligent Transportation Systems Conference (ITSC)*, Auckland, New Zealand, 2019, pp. 2259-2264. DOI:10.1109/ITSC.2019.8917286. **(iv)**

125. Grubenmann, T., *Tsoi, K.H.,* & Loo, B.P.Y. (2019). Hotzone generation add-in for ArcGIS. Available at http://arcg.is/1T0bKv **(Free download) (ii)**

126. Huang, X., Loo, B.P.Y.*, Zhao, Y., & *Chow, A.S.Y.* (2019). Incorporating personal experience in free-choice environmental learning: Lessons from a zoological theme park. *Environmental Education Research,* 25(8), 1250-1266. DOI:10.1080/13504622.2019.1569203 **(IF_{2025}=3.7) [Q1; 88.4%[21]](i)**

127. *Leung, K.Y.K.*, Astroza, S., Loo, B.P.Y.*, & Bhat, C.R. (2019). An environment-people interactions framework for analysing children's extra-curricular activities and active transport. *Journal of Transport Geography*, 74, 341-358. DOI:10.1016/j.jtrangeo.2018.12.015 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ ✿ **(i)**

128. Loo, B.P.Y.* (2019). Transport geography: Towards a more people-oriented approach in the last 25 years. *Journal of Transport Geography*, 81, 102596. DOI:10.1016/j.jtrangeo.2019.102596 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ **(i)**

129. Loo, B.P. Y.*, & *Siiba, A.* (2019). Active transport in Africa and beyond: Towards a strategic framework. *Transport Reviews*, 39(2), 181-203. DOI:10.1080/01441647.2018.1442889 **(IF_{2025}=11.0) [Q1; 97.7%[10]]** ♣ ✿ **(i)**

130. Loo, B.P.Y.*, & Tang, W.S.M. (2019). "Mapping" smart cities. *Journal of Urban Technology,* 26(2), 129-146. DOI:10.1080/10630732.2019.1576467 **(IF_{2025}=4.2) [Q1; 85.5%[13]]** ✿ **(iv)**

131. Nair, G.S., Bhat, C.R.*, Pendyala, R.M., Loo, B.P.Y., & Lam, W.H.K. (2019). On the use of probit-based models for ranking data analysis. *Transportation Research Record, 2673(4), 229-240.* DOI:10.1177/0361198119838987 **(IF_{2025}=2.2) [Q3; 43.8%[14]](i)**

132. *Wang, B.,* & Loo, B.P.Y.* (2019). The hierarchy of cities in Internet news media and Internet search: Some insights from China. *Cities*, 84, 121-133. DOI:10.1016/j.cities.2018.07.013 **(IF_{2025}=7.0) [Q1; 93.6%[13]]** ♣ **(iv)**

133. *Wang, B.*, & Loo, B.P.Y.* (2019). Travel time use and its impact on high-speed-railway passengers' travel satisfaction in the e-society. *International Journal of Sustainable Transportation*, 23(3), 197-209. DOI:10.1080/15568318.2018.1459968 **(IF_{2025}=3.1) [Q3; 48.8%[4]](i + iv)**

134. *Wang, B.,* Loo, B.P.Y.*, Cao, Y., & Zhen, F. (2019). An overview of China's policy on older adults and towards a new framework of supporting aging-in-place in the e-society (中国养老政策的演进及智慧社会下居家养老的发展). *Science & Technology Review (科技导报)*, 37(6), 6-12. DOI:10.3981/j.issn.1000-7857.2019.06.001 **(in Chinese)(iv)**

2018

135. Bryson, J.R.*, Mulhall, R.A., Song, M., Loo, B.P.Y., Dawson, R.J., & Rogers, C.D.F. (2018). Alternative-substitute business models and the provision of local infrastructure: Alterity as a solution to financialization and public-sector failure. *Geoforum*, 95, 25-34. DOI:10.1016/j.geoforum.2018.06.022 **(IF_{2025}=3.5) [Q1; 83.0%[6]](i)**

136. Loo, B.P.Y.* (2018). Realising car-free developments within compact cities. *Proceedings of the Institution of Civil Engineers-Municipal Engineer*, 171(ME1), 41-50. DOI:10.1680/jmuen.16.00060 **(IF_{2025}=1.2) [Q3; 25.1%[14]](i)**

137. Loo, B.P.Y.*, Bryson, J.R., Song, M., & Harris, C. (2018). Risking multi-billion decisions on underground railways: Land value capture, differential rent and financialization in London and Hong Kong. *Tunnelling and Underground Space Technology*, 81, 403-412. DOI:10.1016/j.tust.2018.07.011 **(IF_{2025}=8.7) [Q1; 95.5%[14]]** ♣ ✿ **(i)**

138. Loo, B.P.Y.*, & *Tsoi, K.H.* (2018). The sustainable transport pathway: A holistic strategy of five transformations. *Journal of Transport and Land Use*, 11(1), 961-980. DOI:10.5198/jtlu.2018.1354 **(IF_{2025}=2.3) [Q3; 32.6%[10]] (iii)**

139. Loo, B.P.Y., & *Wang, B.** (2018). Factors associated with home-based e-working and e-shopping in Nanjing, China. *Transportation*, 45(2), 365-384. DOI:10.1007/s11116-017-9792-0 **(IF_{2025}=4.1) [Q1; 75.4%[14]] (iv)**

140. Loo, B.P.Y.*, & *Wang, B.* (2018). The importance of integrated transport in fostering the formation of the Guangdong-Hong Kong-Macao Greater Bay Area (从区域一体化看融合交通——以粤港澳大湾区和港深广高铁线为例). *Progress in Geography* (*地理科学进展*), 37(12), 1623-1632. DOI:10.18306/dlkxjz.2018.12.004 **(in Chinese)(iii)**

141. *Wang, B.,* Loo, B.P.Y.*, & Zhen, F. (2018). Urban geographical research in smart cities: Insights from residents' activities (智慧社会下的城市地理学研究——基于居民活动的视角). *Geographical Research* (*地理研究*), 37, 2075-2086. DOI: 10.11821/dlyj201810015 **(in Chinese)(iv)**

142. *Wang, B.,* Zhen, F.*, & Loo, B.P.Y. (2018). The role of distance in online social networks: A case study of urban residents in Nanjing, China. *Cities*, 79, 37-44. DOI:10.1016/j.cities.2018.02.020 **(IF_{2025}=7.0) [Q1; 93.6%[13]] (iv)**

143. *Wang, B.,* Zhen, F.*, & Loo, B.P.Y. (2018). China's smart city development: Reflections after reading the American Report on 'Technology and Future of Cities" (美国《科技与未来城市报告》对中国智慧城市建设的启示). *Science & Technology Review* (*科技导报*), 36(18), 1-10. **(in Chinese)(iv)**

2017

144. *Chow, A.S.Y.*,* & Loo, B.P.Y. (2017). Higher education activities in world cities: A spatial study of global leadership and connectivity. In Mok, K.H. (Ed.). *Managing International Connectivity, Diversity of Learning and Changing Labour Markets: East Asian Perspective* (pp. 91-104). Singapore: Springer. **(i)**

145. Cui, J., Loo, B.P.Y.*, & Lin, D. (2017). Travel behaviour and mobility needs of older adults in an ageing and car-dependent society. *International Journal of Urban Sciences*, 21(2), 109-128. DOI:10.1080/12265934.2016.1262785 **(IF_{2025}=2.2) [Q2; 54.1%[13]](i)**

146. *Leung, K.Y.K.,* & Loo, B.P.Y.* (2017). Association of children's mobility and wellbeing: A case study in Hong Kong. *Travel Behaviour and Society*, 9, 95-104. DOI:10.1016/j.tbs.2017.07.004 **(IF_{2025}=5.8) [Q1; 81.1%[10]](i + ii)**

147. *Li, L.,* & Loo, B.P.Y.* (2017). Geography of railroads. In Warf, B. (Ed.). *Handbook on Geographies of Technology* (pp. 242-253). Cheltenham: Edward Elgar. **(iii)**

148. *Li, L.**, & Loo, B.P.Y. (2017). Mobility impairment, social engagement, and life satisfaction among the older population in China: A structural equation modeling analysis. *Quality of Life Research*, 26(5), 1273-1282. DOI:10.1007/s11136-016-1444-x **(IF_{2025}=3.4) [Q2; 82.0%[8]] (i + ii)**

149. *Li, L.,* & Loo, B.P.Y.* (2017). Rail transport: Passenger. In Richardson, D., Castree, N., Goodchild, M.F., Kobayashi, A., Liu, W., & Marston, R.A. (Eds.). *International Encyclopaedia of Geography*. n.p.: John Wiley & Sons. DOI:10.1002/9781118786352.wbieg0208 **(iii)**

150. *Li, L.*,* & Loo, B.P.Y. (2017). Railway development and air patronage in China, 1993-2012: Implications for low-carbon transport. *Journal of Regional Science*, 57(3), 507-522. DOI:10.1111/jors.12276 **(IF_{2025}=2.4) [Q1; 68.8%[2]] (iii)**

151. Loo, B.P.Y.*, *Cheng, A.H.T.,* & *Nichols, S.L.* (2017). Transit-oriented development on greenfield versus infill sites: Some lessons from Hong Kong. *Landscape and Urban Planning*, 167, 37-48. DOI:10.1016/j.landurbplan.2017.05.013 **(IF_{2025}=11.4) [Q1; 99.7%[13]] (i)**

152. Loo, B.P.Y.* & *Frederic du Verle* (2017). Transit-oriented development in future cities: Towards a two-level sustainable mobility strategy. *International Journal of Urban Sciences*, 21(Supp 1), 54-67. DOI:10.1080/12265934.2016.1235488 **(IF_{2025}=2.2) [Q2; 54.1%[13]] (i)**

153. Loo, B.P.Y.*, *Lam, W.W.Y.,* Mehandran, R., & Katagiri, K. (2017). How is the neighbourhood environment related to the health of seniors in Hong Kong, Singapore and Tokyo? Some insights for promoting ageing-in-place. *Annals of the American Association of Geographers*, 107(4), 812-828. DOI:10.1080/24694452.2016.1271306 **(IF_{2025}=3.8) [Q1; 87.1%[6]] (i + ii)**

154. Loo, B.P.Y.*, & *Leung, K.Y.K.* (2017). Transport resilience: The Occupy Central Movement in Hong Kong from another perspective. *Transportation Research Part A: Policy and Practice*, 106, 100-115. DOI:10.1016/j.tra.2017.09.003 **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ ❁ **(i)**

155. Loo, B.P.Y.*, Mehandran, R., Katagiri, K., & *Lam, W.W.Y.* (2017). Walking, neighbourhood environment and quality of life among older people. *Current Opinion in Environmental Sustainability*, 25, 8-13. DOI:10.1016/j.cosust.2017.02.005 **(IF_{2025}=8.6) [Q1; 88.5%[3]](i + ii)**

156. Loo, B.P.Y.*, & *Wang, B.* (2017). Progress of e-development in China since 1998. *Telecommunications Policy*, 41, 731-742. DOI:10.1016/j.telpol.2017.03.001 **(IF_{2025}=6.5) [Q1; 97.6%[22]]** ♣ **(iv)**

157. *Wang, B.,* & Loo, B.P.Y.* (2017). Hubs of Internet entrepreneurs: The emergence of coworking offices in Shanghai, China. *Journal of Urban Technology*, 24(3), 67-84. DOI:10.1080/10630732.2017.1285124 **(IF_{2025}=4.2) [Q1; 85.5%[13]]** ❁ **(iv)**

158. [Reprinted in: Armondi, S., & Di Vita, S. (Eds.) (2018) *New Urban Geographies of the Creative and Knowledge Economies.* London & New York: Routledge. (ISBN: 9780815358824)].

159. *Wu, C.Y.H.,* & Loo, B.P.Y.* (2017). Changes in novice motorcyclist safety in Hong Kong after the probationary driving license scheme. *Transportmetrica A-Transport Science*, 13(5), 435-448. DOI:10.1080/23249935.2017.1289277 **(IF_{2025}=3.9) [Q2; 64.4%[11]](ii)**

2016

160. *Li, L.*,* & Loo, B.P.Y. (2016). Impact analysis of airport infrastructure within a sustainability framework: Case studies on the Hong Kong International Airport. *International Journal of Sustainable Transportation*, 10(9), 781-793. DOI:10.1080/15568318.2016.1149647 **(IF_{2025}=3.1) [Q3; 48.8%[4]](iii)**

161. *Li, L.*,* & Loo, B.P.Y. (2016). Towards people-centered integrated transport: A case study of Shanghai Hongqiao Comprehensive Transport Hub. *Cities*, 58, 50-58. DOI:10.1016/j.cities.2016.05.003 **(IF_{2025}=7.0) [Q1; 93.6%[13]]** ♣ ❁ **(i + iii)**

162. *Li, L.,* & Loo, B.P.Y.* (2016). Carbon dioxide emissions from urban transport in China: Geographical characteristics and future challenges (中国客运交通的碳排放地理特征与展望). *Geographical Research* (*地理研究*), 25(7), 1230-1242. DOI:10.11821/dlyj201607002 **(in Chinese)(iii)**

163. Loo, B.P.Y.*, & Banister, D. (2016). Decoupling transport from economic growth: Extending the debate to include environmental and social externalities. *Journal of Transport Geography*, 57, 134-144. DOI:10.1016/j.jtrangeo.2016.10.006 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ ❁ **(iii)**

164. Loo, B.P.Y.*, & Tsui, K.L. (2016). Contributory factors to critically wrong road-crossing judgments among older people: An integrated research study. *Hong Kong Journal of Emergency Medicine*, 23(1),13-24. DOI:10.1177/102490791602300102 **(IF_{2025}=0.6) [Q4; 17.3%[23]](ii)**

165. *Wu, C.Y.H.*,* & Loo, B.P.Y. (2016). Motorcycle safety among motorcycle taxi drivers and non-occupational motorcyclists in developing countries: A case study of Maoming, South China. *Traffic Injury Prevention*, 17(2), 170-175. DOI:10.1080/15389588.2015.1048336 **(IF_{2025}=2.1) [Q3; 48.0%[17]](ii)**

166. *Yang, Z.*,* & Loo, B.P.Y. (2016). Land use and traffic collisions: A link-attribute analysis using Empirical Bayes method. *Accident Analysis and Prevention*, 95, 236-249. DOI:10.1016/j.aap.2016.07.002 **(IF_{2025}=7.4) [Q1; 98.4%[9]]** ♣ **(ii)**

167. *Yao, S.,* & Loo, B.P.Y.* (2016). Safety in numbers for cyclists beyond national-level and city-level Data: A study on the non-linearity of risk within the city of Hong Kong. *Injury Prevention*, 22, 379-385. DOI:10.1136/injuryprev-2016-041964 **(IF_{2025}=1.9) [Q3; 41.4%[17]]** ❁ **(ii)**

168. *Yao, S.*, Loo, B.P.Y.*, & *Yang, B.Z.* (2016). Traffic collisions in space: Four decades of advancement in applied GIS. *Annals of GIS*, 22(1), 1-14. DOI:10.1080/19475683.2015.1085440 **(IF_{2025}=4.8) [Q1; 91.7%[6]]** ♣ **(ii)**

2015

169. Cheng, Y.-S., Loo, B.P.Y., & Vickerman, R.* (2015). High-speed rail networks, economic integration and regional specialisation in China and Europe. *Travel Behaviour and Society*, 2(1), 1-14. DOI:10.1016/j.tbs.2014.07.002 **(IF_{2025}=5.8) [Q1; 81.1%[10]]** ❁ **(iii)**

170. *Chow, A.S.Y.**, & Loo, B.P.Y. (2015). Applying a world-city network approach to globalizing higher education: Conceptualization, data collection and the list of world cities. *Higher Education Policy*, 28, 107-126. DOI:10.1057/hep.2014.31 **(IF_{2025}=2.1) [Q1; 69.1%[21]](i)**
171. *Li, L.,* & Loo, B.P.Y.* (2015). The promotion of social equity through railways. In Loo, B.P.Y. & Comtois, C. (Eds.). *Sustainable Railway Futures: Issues and Challenges* (pp. 129-144). Surrey: Ashgate. **(iii)**
172. Loo, B.P.Y.* (2015). Prospects for sustainable railways. In Loo, B.P.Y. & Comtois, C. (Eds.). *Sustainable Railway Futures: Issues and Challenges* (pp. 3-19). Surrey: Ashgate. **(iii)**
173. Loo, B.P.Y.*, & *Lam, W.W.Y.* (2015). Does neighbourhood count in affecting children's journeys to schools? *Childrens Geographies*, 13(1), 89-113. DOI:10.1080/14733285.2013.828450 **(IF_{2025}=2.4) [Q2; 70.4%[6]] (i)**
174. Schepers, P.*, Agerholm, N., Amoros, E., Benington, R., Bjørnskau, T., Dhondt, S., de Geus, B., Hagemeister, C., Loo, B.P.Y., & Niska, A. (2015). An international review of the frequency of single-bicycle crashes (SBCs) and their relation to bicycle modal share. *Injury Prevention*, 21, e138-e143. DOI:10.1136/injuryprev-2013-040964 **(IF_{2025}=1.9) [Q3; 41.4%[17]] (ii)**
175. *Yao, S.*, Loo, B.P.Y.*, & *Lam, W.W.Y.* (2015). Measures of pedestrian activity-based exposure to the risk of vehicle-pedestrian collisions: Space-time path vs potential path tree methods. *Accident Analysis and Prevention*, 75, 320-332. DOI:10.1016/j.aap.2014.12.005 **(IF_{2025}=7.4) [Q1; 98.4%[9]]** ♣ ❁ **(ii)**

2014

176. *Lam, W.W.Y.**, & Loo, B.P.Y. (2014). Determinants of children's independent mobility in Hong Kong. *Asian Transport Studies*, 3(2), 250-268. **(IF_{2025}=1.9) [Q3; 25.0%[10]](i)**
177. *Lam, W.W.Y.*, Yao, S.,* & Loo, B.P.Y. (2014). Pedestrian exposure measures: A time-space framework. *Travel Behaviour and Society*, 1(1), 22-30. DOI:10.1016/j.tbs.2013.10.004 **(IF_{2025}=5.8) [Q1; 81.1%[10]]** ❁ **(ii)**
178. *Li, L.,* & Loo, B.P.Y.* (2014). Alternative and transitional energy sources for urban transportation. *Current Sustainable/Renewable Energy Reports*, 1(1), 19-26. DOI:10.1007/s40518-014-0005-6 **(iii)**
179. Loo, B.P.Y.*, *Li, L.,* Psaraki, V., & Pagoni, I. (2014). CO_2 emissions associated with hubbing activities in air transport: An international comparison. *Journal of Transport Geography*, 34, 185-193. DOI:10.1016/j.jtrangeo.2013.12.006 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ ❁ **(iii)**

2013

180. Guo, Z.*, & Loo, B.P.Y. (2013). Pedestrian environment and route choice: Evidence from New York City and Hong Kong. *Journal of Transport Geography*, 28, 124-136. DOI:10.1016/j.trangeo.2012.11.013 **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣ ❁ **(i)**
181. *Lam, W.W.Y.*, Loo, B.P.Y.*, & *Yao, S.* (2013). Towards exposure-based time-space pedestrian crash analysis in facing the challenges of ageing societies in Asia. *Asian Geographer*, 30(2), 105-125. DOI:0.1080/10225706.2012.735436 **(IF_{2025}=2.9) [Q2; 77.3%[6]](ii)**
182. Loo, B.P.Y.*, Chow, C.B., Leung, M., Kwong, T.H.J., Lai S.F.A., & Chau, Y.H. (2013). Multi-disciplinary efforts toward sustained road safety benefits: Integrating place-based and people-based safety analyses. *Injury Prevention*, 19, 58-63. DOI:10.1136/injuryprev-2012-040400 **(IF_{2025}=1.9) [Q3; 41.4%[17]](ii)**
183. Loo, B.P.Y.*, & *Lam, W.W.Y.* (2013). A multilevel investigation of differential individual mobility of working couples with children: A case study of Hong Kong. *Transportmetrica A-Transport Science*, 9(7), 629-652. DOI:10.1080/18128602.2011.643509 **(IF_{2025}=3.9) [Q2; 64.4%[11]](i)**
184. Loo, B.P.Y.*, & *Yao, S.* (2013). The identification of traffic crash hot zones under the link-attribute and event-based approaches in a network-constrained environment. *Computers, Environment and Urban Systems*, 41, 249-261. DOI:10.1016/j.compenvurbsys.2013.07.001 **(IF_{2025}=8.9) [Q1; 97.4%[6]]** ♣ ❁ **(ii)**

2012

185. Chen, C.*, Lin, H., & Loo, B.P.Y. (2012). Exploring the impacts of safety culture on immigrants' vulnerability in non-motorized crashes: A cross-sectional study. *Journal of Urban Health-Bulletin*

of the New York Academy of Medicine, 89(1), 138-152. DOI:10.1007/s11524-011-9629-7 **(IF$_{2025}$=3.2) [Q1; 79.9%^{17}] (ii)**

186. Loo, B.P.Y.*, & *Lam, W.W.Y.* (2012). Geographic accessibility around elderly health care facilities in Hong Kong: A micro-scale walkability assessment. *Environment and Planning B-Planning and Design*, 39(4), 629-646. DOI:10.1068/b36146 (Renamed *Environment and Planning B-Urban Analytics and City Science*) **(IF$_{2025}$=2.9) [Q1; 77.3%^{6}]** ❁ **(i)**

187. Loo, B.P.Y.*, & *Li, L.* (2012). Carbon dioxide emissions from passenger transport in China since 1949: Implications for developing sustainable transport. *Energy Policy*, 50, 464-476. DOI:10.1016/j.enpol.2012.07.044 **(IF$_{2025}$=9.3) [Q1; 98.2%^{2}]** ♣ ❁ **(iii)**

188. Loo, B.P.Y.*, & *Ngan, Y.L.* (2012). Developing mobile telecommunications to narrow digital divide in developing countries? Some lessons from China. *Telecommunications Policy*, 36(10-11), 888-900. DOI:10.1016/j.telpol.2012.07.015 **(IF$_{2025}$=6.5) [Q1; 97.6%^{22}]** ♣ **(iv)**

189. Loo, B.P.Y.*, & *Yao, S.* (2012). Geographical information systems. In Li, G., & Baker, S.P. (Eds.). *Injury Research: Theories, Methods, and Approaches* (pp. 447-463). New York: Springer. **(ii)**

190. Wong, S.C., Sze, N.N.*, Loo, B.P.Y., *Chow, A.S.Y.,* Lo, H.K., & Hung, W.T. (2012). Performance evaluations of the spiral-marking roundabouts in Hong Kong. *Journal of Transportation Engineering*, 138, 1377-1387. DOI:10.1061/(ASCE)TE.1943-5436.0000433 (Renamed *Journal of Transportation Engineering Part A-Systems*) **(IF$_{2025}$=2.5) [Q3; 50.0%^{14}] (ii)**

191. *Yao, S.,* & Loo, B.P.Y.* (2012). Identification of hazardous road locations for pedestrians. *Procedia Engineering*, 45, 815-823. DOI:10.1016/j.proeng.2012.08.244 **(ii)**

2011

192. Hau, T.D.*, Loo, B.P.Y., Wong, K.I., & Wong, S.C. (2011). An estimation of efficient time-varying tolls for cross-harbor tunnels in Hong Kong. *Singapore Economic Review*, 56(4), 467-488. DOI:10.1142/S0217590811004432 **(IF$_{2025}$=1.2) [Q3; 40.0%^{2}] (i)**

193. Loo, B.P.Y.*, *Cheung, W.S.,* & *Yao, S.* (2011). The rural-urban divide in road safety: The case of China. *The Open Transportation Journal*, 5, 9-20. DOI:10.2174/1874447801105010009 **(ii)**

194. Loo, B.P.Y.*, & *Chow, A.S.Y.* (2011). Jobs-housing balance in an era of population decentralization: An analytical framework and a case study. *Journal of Transport Geography*, 19, 552-562. DOI:10.1016/j.jtrangeo.2010.06.004 **(IF$_{2025}$=6.8) [Q1; 96.2%^{2}]** ♣ ❁ **(i)**

195. Loo, B.P.Y. & *Chow, A.S.Y.** (2011). Spatial re-structuring to facilitate shorter commuting: An example of the relocation of Hong Kong International Airport. *Urban Studies*, 48(8), 1681-1694. DOI:10.1177/0042098010375319 **(IF$_{2025}$=4.4) [Q1; 87.8%^{13}] (i)**

196. Loo, B.P.Y.*, *Yao, S.*, Wu, J.,Yu, B., & Zhong, H. (2011). Identification method of road hot zones based on GIS. (基于 GIS 的道路热区鉴别方法). *Journal of Traffic and Transportation Engineering* (*交通运输工程学报*), 11(4), 97-102. DOI:10.19818/j.cnki.1671-1637.2011.04.015 **(in Chinese)(ii)**

2010

197. Loo, B.P.Y.* (2010). Cross-boundary container truck congestion: The case of the Hong Kong-Pearl River Delta region. *Transportation*, 37(2), 257-274. DOI:10.1007/s11116-009-9246-4 **(IF$_{2025}$=4.1) [Q1; 75.4%^{14}] (i)**

198. Loo, B.P.Y.* (2010). Metro systems. In Button, K., Vega, H., & Nijkamp, P. (Eds.). *A Dictionary of Transport Analysis* (pp. 259-261). Cheltenham: Edward Elgar. **(i)**

199. Loo, B.P.Y.*, Ho, H.W., Wong, S.C., & Zhang, P. (2010). Using the continuum equilibrium approach to solve airport competition problems: Computational and application issues. In Li, W., de Barros, A.G., & de Oliveira, I.R. (Eds.). *Computational Models, Software Engineering, and Advanced Technologies in Air Transportation: Next Generation Applications* (pp. 88-108). New York: IGI Global. DOI:10.4018/978-1-60566-800-0.ch006 **(iii)**

200. Loo, B.P.Y.*, Chen, C., & *Chan, E.T.H.* (2010). Rail-based transit-oriented development: Lessons from New York City and Hong Kong. *Landscape and Urban Planning*, 97, 202-212. DOI:10.1016/j.landurbplan.2010.06.002 **(IF$_{2025}$=11.4) [Q1; 99.7%^{13}]** ♣ ❁ **(i)**

201. Loo, B.P.Y.*, & *Cheng, A.C.H.* (2010). Are there useful yardsticks of population and income level for building metro systems? Some worldwide evidences. *Cities*, 27, 299-306. DOI:10.1016/j.cities.2010.02.003. **(IF$_{2025}$=7.0) [Q1; 93.6%^{13}]** ♣ ❁ **(i)**

202. Loo, B.P.Y.* & Tsui, K.L. (2010). Bicycle crash casualties in a highly motorized city. *Accident Analysis and Prevention*, 42, 1902-1907. DOI:10.1016/j.aap.2010.05.011 **(IF$_{2025}$=7.4) [Q1; 98.4%^{9}]** ♣ ❁ **(ii)**

2009

203. Loo, B.P.Y.* (2009). Challenges of airports in multi-airport regions (MARs). In Larauge P.B., & Castille, M.E. (Eds.). *Airports: Performance, Risks, and Problems* (pp. 189-197). New York: Nova Science. **(out of stock) (iii)**

204. Loo, B.P.Y.* (2009). How would people respond to a new railway extension? The value of questionnaire surveys. *Habitat International*, 33, 1-9. DOI:10.1016/j.habitatint.2008.02.002 **(IF$_{2025}$=8.5) [Q1; 97.7%^{16}]** ♣ ❁ **(i)**

205. Loo, B.P.Y.* (2009). The identification of hazardous road locations: A comparison of the black site and hot zone methodologies in Hong Kong. *International Journal of Sustainable Transportation*, 3, 187-202. DOI:10.1080/15568310801915583 **(IF$_{2025}$=3.1) [Q3; 48.8%^{4}]** ❁ **(ii)**

206. Loo, B.P.Y.* (2009). Transport infrastructure: Postal and telecommunication services. In Pong, D. (Ed.) *Encyclopedia of Modern China* (volume 3, pp. 608-609). Farmington Hills: Gale. **(i)**

207. Loo, B.P.Y.* (2009). Transport, Urban. In Kitchin, R., & Thrift, N. (Eds.). *The International Encyclopaedia of Human Geography* (volume 1, pp. 465-469). Oxford: Elsevier. DOI:10.1016/B978-008044910-4.01039-7 **(i)**

208. Loo, B.P.Y.*, & *Chow, A.S.Y.* (2009). The relevance of transport-development strategies to understanding travel behaviour and transport sustainability in Hong Kong. *Asian Geographer*, 26, 67-82. DOI:10.1080/10225706.2009.9684144 **(IF$_{2025}$=2.9) [Q2; 77.3%^{6}] (i)**

209. Loo, B.P.Y.*, & Tsui, K.L. (2009). Pedestrian injuries in an ageing society: Insights from hospital trauma registry. *Journal of Trauma*, 66, 1196-1201. DOI:10.1097/TA.0b013e31817fdef6 (Renamed *Journal of Trauma and Acute Care Surgery*) **(IF$_{2025}$=3.9) [Q1; 89.6%^{28}]** ❁ **(ii)**

2008

210. Loo, B.P.Y.* (2008). Passengers' airport choice within multi-airport regions (MARs): Some insights from a stated preference survey at the Hong Kong International Airport. *Journal of Transport Geography*, 16, 117-125. DOI:10.1016/j.jtrangeo.2007.05.003 **(IF$_{2025}$=6.8) [Q1; 96.2%^{2}]** ♣ ❁ **(iii)**

211. Loo, B.P.Y.*, & *Chow, A.S.Y.* (2008). Changing urban form in Hong Kong: What are the challenges on sustainable transportation? *International Journal of Sustainable Transportation*, 2(3), 177-193. DOI:10.1080/15568310701517331 **(IF$_{2025}$=3.1) [Q3; 48.8%^{4}]** ❁ **(i)**

212. Loo, B.P.Y.*, Wong, S.C., & Hau, T.D. (2008). Choice or rank data in stated preference surveys? *The Open Transportation Journal*, 2, 74-79. DOI:10.2174/1874447800802010074 **(i)**

213. Lyons, G.*, & Loo, B.P.Y. (2008). Transport directions to the future. In Knowles, R., Shaw, J., & Docherty, I. (Eds.). *Transport Geographies: Mobilities, Flows and Spaces* (pp. 215-226). Oxford: Blackwell. **(iii)**

2007

214. Loo, B.P.Y.* (2007). Strategies of Internet development in the Asia-Pacific region. *Journal of Urban Technology*, 14(1), 3-22. DOI:10.1080/10630730701259821 **(IF$_{2025}$=4.2) [Q1; 85.5%^{13}] (iv)**

215. Loo, B.P.Y.* (2007). The role of paratransit: Some reflections based on the experience of residents' coach services in Hong Kong. *Transportation*, 34, 471-486. DOI:10.1007/s11116-006-9111-7 **(IF$_{2025}$=4.1) [Q2; 75.4%^{14}] (i)**

216. Loo, B.P.Y.*, *Leung, B.S.Y.,* Wong, S.C., & Yang, H. (2007). Taxi license premiums in Hong Kong: Can their fluctuations be explained by taxi as a mode of public transport? *International Journal of Sustainable Transportation*, 1(4), 249-266. DOI:10.1080/15568310600737600 **(IF$_{2025}$=3.1) [Q3; 48.8%^{4}] (i)**

217. Loo, B.P.Y.*, & Tsui, K.L. (2007). Factors affecting the likelihood of reporting road crashes resulting in medical treatment to the police. *Injury Prevention*, 13, 186-189. DOI:10.1136/ip.2006.013458 **(IF_{2025}=1.9) [Q3; 41.4%[17]] (ii)**

218. Loo, B.P.Y.*, Wong, S.C., Hung, W.T., & Lo, H.K. (2007). A review of the road safety strategy in Hong Kong. *Journal of Advanced Transportation*, 41(1), 3-37. DOI:10.1002/atr.5670410103 **(IF_{2025}=2.2) [Q3; 43.8%[14]] (ii)**

2006

219. Ho, H. W., Wong, S.C.*, & Loo, B.P.Y. (2006). Combined distribution and assignment model for a continuum traffic equilibrium problem with multiple user classes. *Transportation Research Part B-Methodological*, 40(8), 633-650. DOI:10.1016/j.trb.2005.09.003 **(IF_{2025}=6.5) [Q1; 95.4%[2]] (iii)**

220. Loo, B.P.Y.* (2006). Validating crash locations for quantitative spatial analysis: A GIS-based approach. *Accident Analysis and Prevention*, 38(5), 879-886. DOI:10.1016/j.aap.2006.02.012 **(IF_{2025}=7.4) [Q1; 98.4%[9]] (ii)**

221. Loo, B.P.Y.*, & *Chow, S.Y.* (2006). China's 1994 tax-sharing reforms: One system, differential impact. *Asian Survey*, 46(2), 215-237. Document URL **(IF_{2025}=1.9) [Q1; 87.2%[1]] (iii)**

222. Loo, B.P.Y.*, & *Chow, S.Y.* (2006). Sustainable urban transportation: Concepts, policies and methodologies. *Journal of Urban Planning and Development-ASCE*, 132(2), 76-79. DOI:10.1061/(ASCE)0733-9488(2006)132:2(76) (Renamed *Journal of Urban Planning and Development*) **(IF_{2025}=2.6) [Q2; 63.4%[13]] (iii)**

223. Loo, B.P.Y.*, & Li, D.Y.N. (2006). Developing metro systems in the People's Republic of China: Policy and gaps. *Transportation*, 33(2), 115-132. DOI:10.1007/s11116-005-3046-2 **(IF_{2025}=4.1) [Q2; 75.4%[14]](i)**

224. Loo, B.P.Y.*, Wong, S.C., & Hau, T.D. (2006). Introducing alternative fuel vehicles in Hong Kong: Views from the public light bus industry. *Transportation*, 33(6), 605-619. DOI:10.1007/s11116-006-7947-5 **(IF_{2025}=4.1) [Q2; 75.4%[14]] (iii)**

225. Wong, S.C.*, Du, Y.C., Sun, L.J., & Loo, B.P.Y. (2006). Sensitivity analysis for a continuum traffic equilibrium problem. *Annals of Regional Science*, 40(3), 493-514. DOI:10.1007/s00168-006-0071-9 **(IF_{2025}=2.4) [Q2; 68.8%[6]] (iii)**

226. Wong, S.C.*, Sze, N.N., Hung, W.T., Loo, B.P.Y., & Lo, H.K. (2006). The effects of a traffic guidance scheme for Auto-toll lanes on traffic safety at toll plazas. *Safety Science*, 44(9), 753-770. DOI:10.1016/j.ssci.2006.03.004 **(IF_{2025}=6.2) [Q1; 83.9%[25]] (ii)**

227. Wong, S.C.*, Sze, N.N., Yip, H.F., Loo, B.P.Y., Hung, W.T., & Lo, H.K. (2006). Association between setting quantified road safety targets and road fatality reduction. *Accident Analysis and Prevention*, 38(5), 997-1005. DOI:10.1016/j.aap.2006.04.003 **(IF_{2025}=7.4) [Q1; 98.4%[9]] (ii)**

2005

228. Bie, J., Lo, H.K.*, Wong, S.C., Hung, W.T., & Loo, B.P.Y. (2005). Safety analysis of traffic roundabout: A comparison between conventional and Alberta-type markings. *Journal of Eastern Asia Society for Transportation Studies*, 6, 3309-3324. Document URL **(ii)**

229. Ho, H.W., Wong, S.C.*, Yang, H., & Loo, B.P.Y. (2005). Cordon-based congestion pricing in a continuum traffic equilibrium system. *Transportation Research Part A: Policy and Practice*, 39, 813-834. DOI:10.1016/j.tra.2005.02.017 **(IF_{2025}=7.2) [Q1; 96.7%[2]] (i)**

230. Loo, B.P.Y.*, Ho H.W., & Wong, S.C. (2005). An application of the continuous equilibrium modelling approach in understanding the geography of air passenger flows in a multi-airport region. *Applied Geography*, 25(2), 169-199. DOI:10.1016/j.apgeog.2005.03.008 **(IF_{2025}=7.4) [Q1; 96.8%[6]] (iii)**

231. Loo, B.P.Y.*, Hung, W.T., Lo, H.K., & Wong, S.C. (2005). Road safety strategies: A comparative framework and case studies. *Transport Reviews*, 25(5), 613-639. DOI:10.1080/01441640500115892 **(IF_{2025}=11.0) [Q1; 97.7%[10]] (ii)**

232. Loo, B.P.Y.*, & Liu, K. (2005). A geographical analysis of potential railway load centers in China. *Professional Geographer*, 57(4), 558-579. DOI:10.1111/j.1467-9272.2005.00499.x **(IF_{2025}=1.8) [Q2; 59.5%[6]] (iii)**

233. Loo, B.P.Y.*, & *Tsui, M.K.* (2005). Temporal and spatial patterns of vehicle-pedestrian crashes in busy commercial and shopping areas: A case study of Hong Kong. *Asian Geographer*, 24(1-2), 113-128. DOI:10.1080/10225706.2005.9684124 **(IF$_{2025}$=2.9) [Q2; 77.3%^{6}] (ii)**

234. Wong, S.C.*, Sze, N.N., Lo, H.K., Hung, W.T., & Loo, B.P.Y. (2005). Would relaxing speed limits aggravate safety? A case study of Hong Kong. *Accident Analysis and Prevention*, 37(2), 377-388. DOI:10.1016/j.aap.2004.09.008 **(IF$_{2025}$=7.4) [Q1; 98.4%^{9}]** ♣ **(ii)**

2004

235. Ho, H.W., Wong, S.C.*, & Loo, B.P.Y. (2004). Sequential optimization approach for the multi-class user equilibrium problem in a continuous transportation system. *Journal of Advanced Transportation*, 38(3), 323-345. DOI:10.1002/atr.5670380305 **(IF$_{2025}$=2.2) [Q3; 43.8%^{14}] (iii)**

236. Loo, B.P.Y.* (2004). Export expansion in the People's Republic of China since 1978: A case study of the Pearl River Delta. *China Quarterly*, 177, 133-154. DOI:10.1017/S0305741004000086 **(IF$_{2025}$=3.4) [Q1; 98.1%^{1}]** ♣ **(iii)**

237. Loo, B.P.Y.* (2004). Telecommunications reforms in China: Towards an analytical framework. *Telecommunications Policy*, 28(9-10), 697-714. DOI:10.1016/j.telpol.2004.05.009 **(IF$_{2025}$=6.5) [Q1; 97.6%^{22}]** ♣ ❁ **(iv)**

238. Loo, B.P.Y.* (2004). The Chinese information and telecommunications technology infrastructure: Who built it and for whom? In Hanley. R. (Ed.). *Moving People, Goods and Information in the 21st Century* (pp. 143-158). London: Routledge. **(iv)**

239. Wong, S.C.*, Leung, B.S.Y., Loo, B.P.Y., Hung, W.T., & Lo, H.K. (2004). A qualitative assessment methodology for road safety policy strategies. *Accident Analysis and Prevention*, 36(2), 281-293. DOI:10.1016/S0001-4575(03)00006-X **(IF$_{2025}$=7.4) [Q1; 98.4%^{9}]** ♣ **(ii)**

2003

240. Ho, H.W., Wong, S.C.*, & Loo, B.P.Y. (2003). A continuous traffic equilibrium model with multiple user classes. *Journal of the Eastern Asia Society for Transportation Studies*, 5, 2831-2845. Document URL **(iii)**

241. Loo, B.P.Y.* (2003). The rise of a digital community in the People's Republic of China. *Journal of Urban Technology*, 10(1), 1-21. DOI:10.1080/1063073032000086308 **(IF$_{2025}$=4.2) [Q1; 85.5%^{13}](iv)**

242. Loo, B.P.Y.* (2003). Tunnel traffic and toll elasticities in Hong Kong: Some recent evidence for international comparisons. *Environment and Planning A*, 35(2), 249-276. DOI:10.1068/a3590 (Renamed *Environment and Planning A-Economy and Space*) **(IF$_{2025}$=4.3) [Q1; 90.5%^{6}]** ♣ ❁ **(i)**

243. Loo, B.P.Y.*, Ho H.W., & Wong, S.C. (2003). Competition among airports in the Pearl River Delta region (香港與珠江三角洲地區的機場競爭). In Chen, G., Zhou, Y., Yeh, A.G.O., & Sit, V.F.S. (Eds.). *Research on Raising the International Competitiveness of the Great Pearl River Delta* (*提升大珠江三角洲國際競爭力研究*) (pp. 293-323). Guangzhou: Zhongshan University Press. **(in Chinese)(iii)**

2002

244. Loo, B.P.Y.* (2002). The potential impacts of strategic highways on new town development: A case study of Route 3 in Hong Kong. *Transportation Research Part A-Policy and Practice*, 36, 41-63. DOI:10.1016/S0965-8564(00)00036-7 **(IF$_{2025}$=7.2) [Q1; 96.7%^{2}]** ♣ **(i)**

245. Loo, B.P.Y.* (2002). The role of stated preference methods in planning for sustainable urban transportation: The state of practice and future prospects. *Journal of Urban Planning and Development- ASCE*, 128(4), 210-224. DOI:10.1061/(ASCE)0733-9488(2002)128:4(210) (Renamed *Journal of Urban Planning and Development*) **(IF$_{2025}$=2.6) [Q2; 63.4%^{13}](iii)**

246. Loo, B.P.Y.* (2002). The textile and clothing industries under the Fifth Kondratieff Wave: Some insights from the case of Hong Kong. *World Development*, 30(5), 847-872. DOI:10.1016/S0305-750X(02)00005-0 **(IF$_{2025}$=5.1) [Q1; 93.2%^{16}]** ♣ **(i)**

247. Loo, B.P.Y.*, & Hook, B. (2002). Interplay of international, national and local factors in shaping container port development: A case study of Hong Kong. *Transport Reviews*, 22(2), 219-245. DOI:10.1080/01441640110091486 **(IF$_{2025}$=11.0) [Q1; 97.7%^{10}]** ♣ ❁ **(iii)**

248. Loo, B.P.Y.*, & *Wong, A.Y.P.* (2002). Internet development in Asia-Pacific: Spatial patterns and underlying locational factors. *Networks and Communication Studies*, 16(3-4), 113-134. Document URL **(iv)**

Before 2002

249. Loo, B.P.Y.* (2000). An application of canonical correlation analysis in regional science: The interrelationships between transport and development in China's Zhujiang Delta. *Journal of Regional Science*, 40(1), 141-171. DOI:10.1111/0022-4146.00168 **(IF_{2025}=2.4) [Q1; 68.8%[2]] (iii)**

250. Loo, B.P.Y.* (1999). Development of a regional transport infrastructure: Some lessons from the Zhujiang Delta, Guangdong, China. *Journal of Transport Geography*, 7, 43-63. DOI:10.1016/S0966-6923(98)00037-4 **(IF_{2025}=6.8) [Q1; 96.2%[6]] (iii)**

251. Loo, B.P.Y.* (1998). A re-examination of Lardy-Donnithorne debate in the provincial context of Guangdong, 1949-1992. *Journal of Contemporary China*, 7(17), 61-87. DOI:10.1080/10670569808724305 **(IF_{2025}=3.1) [Q1; 95.9%[1]] (iii)**

252. Gu, S.*, & Loo, B.P.Y. (1997). China's regional grain balance and agricultural policy (中国区域粮食供需与农业政策). In Lu, D., & Sit, V.F.S. (Eds.). Report on China's Regional Development 1997 (*1997 中国区域发展报告*) (pp. 222-245). Beijing: Commercial Press. **(in Chinese)(iii)**

253. [English version: Gu, S., & Loo, B.P.Y.* (2001). Agriculture and food supply policies. In Sit, V.F.S. & Lu, D. (Eds.). *China's Regional Disparity: Issues and Policies* (pp. 183-198). New York: Nova Science.]

254. Loo, B.P.Y.* (1997). Post-reform development in Zhujiang Delta: Growing equality or polarization? *Asian Geographer*, 16(1-2), 115-145. DOI:10.1080/10225706.1997.9684028 **(IF_{2025}=2.9) [Q2; 77.3%[6]] (iii)**

255. Loo, B.P.Y., & Leung, C.K. * (1997). Characteristics of transport infrastructural development in the Pearl River Delta under the Open Policy (论改革开放政策与珠江叁角洲交通发展的关係). *ACTA Geographica Sinica (地理学报)*, 52 Supplement, 28-38. **(in Chinese)(iii)**

256. Pang, X.*, & Loo, B.P.Y. (1997). Regional economic cooperation policy and its implementation (地区经济技术合作的政策和实现). In Lu, D., & Sit, V.F.S. (Eds.). Report on China's Regional Development 1997 (*1997 中国区域发展报告*) (pp. 193-221). Beijing: Commercial Press. **(in Chinese)(iii)**

257. [English version: Pang, X., & Loo, B.P.Y.* (2001). Regional economic and technological cooperation. In Sit, V.F.S. & Lu, D. (Eds.). *China's Regional Disparity: Issues and Policies* (pp. 105-130). New York: Nova Science.]

258. Leung, C.K. & Loo, B.P.Y.* (1994). Has the Pearl River Delta been an export-oriented economy? *Journal of Chinese Geography* (renamed *Journal of Geographical Sciences*), 4(3/4), 1-24. **(IF_{2025}=5.7) [Q1; 85.2%[27]] (iii)**

Subject categories: [1]Area Studies, [2]Economics, [3]Environmental Sciences (SCIE), [4]Environmental Studies, [5]Ergonomics, [6]Geography, [7]Green & Sustainable Science & Technology, [8]Health Policy & Services, [9]Social Sciences, Interdisciplinary, [10]Transportation, [11]Transportation Science and Technology (SCIE), [12]Infectious Diseases (SCIE), [13]Urban Studies, [14]Engineering, Civil (SCIE), [15]Regional & Urban Planning, [16]Development Studies, [17]Public, Environmental & Occupational Health, [18]Construction & Building Technology (SCIE), [19]Social Sciences, Biomedical, [20]Multidisciplinary Sciences (SCIE), [21]Education & Educational Research, [22]Communication, [23]Emergency Medicine (SCIE), [24]Medicine, General & Internal (SCIE), [25]Operations Research & Management Science (SCIE), [26]Materials Science-Multidisciplinary Sciences (SCIE), [27]Geography, Physical (SCIE), [28]Surgery(SCIE), [29]Engineering, Electrical & Electronic (SCIE), [30]Meteorology and Atmospheric Sciences, [31]Management, & [32] Hospitality, Leisure, Sport & Tourism.

I.3) EDITORSHIP OR EDITORIAL BOARD MEMBERSHIP OF SCHOLARLY JOURNALS

1. Founding Co-Editor-in-Chief, *Travel Behaviour and Society,* Elsevier. **(IF_{2025}=5.8) [Q1; 81.1%[10]]**
2. Associate Editor, *Sustainable Cities and Society*, Elsevier. **(IF_{2025}=13.3) [Q1; 97.6%[18]]**
3. Associate Editor, *Journal of Transport Geography,* Elsevier. **(IF_{2025}=6.8) [Q1; 96.2%[2]]**
4. Editorial Board Member, *Communications in Transportation Research*, Elsevier. **(IF_{2025}=12.7) [Q1; 99.2%[10]]**
5. Editorial Board Member, *Journal of Urban Technology,* Routledge. **(IF_{2025}=4.2) [Q1; 85.5%[13]]**

6.	Editorial Board Member, *International Journal of Sustainable Transportation,* Taylor & Francis. **(IF_{2025}=3.1) [Q1; 48.8%[4]]**
7.	Editorial Board Member, *Research in Transportation Economics,* Elsevier. **(IF_{2025}=4.2) [Q1; 88.1%[2]]**
8.	Editorial Board Member, *Journal of the American Planning Association*, Taylor & Francis. **(IF_{2025}=4.2) [Q1; 85.5%[13]]**
9.	Editorial Board Member, *Buildings*, MDPI. **(IF_{2025}=3.4) [Q2; 67.1%[18]]**
10.	Editorial Board Member, *Transportmetrica A-Transport Science,* Taylor & Francis. **(IF_{2025}=3.9) [Q2; 64.4%[11]]**
11.	Editorial Board Member, *Journal of Cycling and Micromobility Research*, Elsevier. (IF_{2025}=3.6) **[Q2; 55.3%[10]]**
12.	Editorial Board Member, *Injury Epidemiology,* SpringerOpen. **(IF_{2025}=2.3) [Q2; 52.9%[17]]**
13.	Editorial Board Member, *Journal of Transport and Land Use,* University of Minnesota. **(IF_{2025}=2.3) [Q3; 32.6%[10]]**
14.	Editorial Board Member, *GeoJournal*, Springer. **(IF_{2025}=2.2) [Q2; 64.1%[6]]**
15.	Editorial Board Member, *International Journal of Shipping and Transport Logistics,* InderScience. **(IF_{2025}=1.5) [Q4; 25.5%[31]]**
16.	Editorial Board Member, *地理学报* (*Acta Geographica Sinica*) (ISSN 0375-5444), Chinese Academy of Sciences, CAS, Institute of Geographic Sciences and Natural Resources Research 中國科學院地理科學與資源研究所，科學出版社 **(in Chinese)**
17.	Editorial Board Member, *地理研究* (*Geographical Research*), Chinese Academy of Sciences, CAS, Institute of Geographic Sciences and Natural Resources Research 中國科學院地理科學與資源研究所 **(in Chinese)**
18.	Editorial Board Member, 华南地理学报 (*South China Geographical Journal*), South China Normal University 华南师范大学. **(in Chinese)**
19.	Editorial Panel Member, *Discover Cities*, Springer Nature. (newly launched in 2023)
20.	Editorial Board Member, *Urbanization, Sustainability and Society*, Emerald. (newly launched in 2023)
21.	Editorial Advisory Board, *Advanced City*, Wiley. (newly launched in 2026)
22.	Editorial Advisory Board, Emerald Transport and Sustainability series.

Selected previous services to Editorial Boards: *Asian Geographer* (2011/04-2021/05), *Transportation* (2008/01-2015/01), *Open Transportation Journal* (2007/04-2014/12), *Open Geography Journal* (2007/12-2012/12), *Proceedings of the Institution of Civil Engineers-Municipal Engineer, ice/Institution of Civil Engineers* (2020/05-2023/12) and *International Journal of Geosciences* (2011/09-2012/08).

I.4a) KEYNOTE/PLENARY SPEAKER IN INTERNATIONAL CONFERENCES

1.	*26th Inter-University Symposium on Asian Megacities*, Jiangxi, China, 20-22/09/2025 [Keynote Speaker] (funded by host) Speech title: 15-minute Cities and Asian Megacities
2.	*2nd National Conference of Female Geographers 第二届全国女地理学家大会*, Changchun, China 22-24/08/2025 [Keynote Speaker] (funded by host) Speech title: 人性化的智慧城市与人工智能 ("Humanising" Smart Cities and Artificial Intelligence)
3.	***25th COTA International Conference of Transportation Professionals (CICTP 2025): Transportation, Artificial Intelligence, and Energy***, South China University of Technology, Guangzhou, China, 22-25/04/2025 [Keynote Speaker] (funded by host) Speech title: Using Visual Intelligence to Improve Road Safety
4.	***Tongji Advanced Lectures 同济高等讲堂第 102 讲（校级）***, Tongji University 15/05/2025 [University-level Lectures] (funded by host) (in Putonghua) Speech title: 可持续交通的过去、现在与将来 (Past, Present and Future of Sustainable Transportation)

5.	*3rd International Symposium on Transport Geography*, Anhui Normal University, Wuhu, China 17-18/05/2025 [Invited Speaker] (funded by host) Speech title: How about Transport Externalities?
6.	***24th Swiss Transport Research Conference (STRC) 2024***, Monte Verita, Ascona, Switzerland 15-17/05/2024 [Keynote Speaker] (funded by host) Speech title: A Paradigm Shift in Transportation
7.	*2nd International Symposium on Transport Geography*, Guangzhou Institute of Geography, Guangdong Academy of Sciences, Guangzhou, China 11-12/05/2024 [Keynote Speaker] (funded by host) Speech title: *Sustainable Transport and Electric Mobility: Latest Evidence on Co-benefits*
8.	*2023 World Women's Scientists Conference*, Shaoxing, China 13-15/10/2023 [Keynote Speaker] (funded by host)(in Putonghua) Speech title: 智慧城市中人工智慧的應用與女性視角(Applications of Artificial Intelligence in Smart Cities and the Female Perspective)
9.	*1st International Symposium on Disciplinary Development and Innovations of Transport Geography 2023*, Institute of Marine Sustainable Development (IMSD), Liaoning Normal University, Dalian, China, 13-14/05/2023 [Keynote Speaker] (funded by host) Speech title: A Paradigm Shift in Transportation
10.	*10th International Conference of Transportation and Space-time Economics (TSTE 2022), Low-carbon Forum*, School of Economics and Management, Beijing Jiaotong University and Elsevier, 07/12/2022 [Keynote Speaker](online) Speech title: Electric Mobility: Future Carbon Reduction Potentials and the Critical Importance of Government Interventions
11.	***GEOMED 2022***, University of California, Irvine, USA, 12-14/10/2022 [Plenary Speaker] (online) Speech title: Human Mobility, Facilities and Location Agglomeration: Are there Regularities that Inform the Creation of a Superspreading Environment?
12.	*International Symposium on High-speed Railways and Regional Development*, Institute of Transport Studies, HKU and Department of Geography and Planning, Liverpool University, and co-organized by the School of Geography and Environment, Jiangxi Normal University and Computational Urban Sciences, 10/05/2022 [Opening Keynote Speaker] (online). Speech title: Location Matters: High-speed Railway Stations in City Evolution
13.	***Bridging Transportation Researchers (BRT) Online Conference***, University of Texas at Austin's Cockrell School of Engineering (main host), 5-6/08/2021 [Headliner speakers] (online) Speech title: Transport in Compact Cities: The "New Normal"
14.	***Provocations in Transport Lecture***, UCL Centre for Transport Studies, Wilkins Building, Gustave Tuck Lecture Theatre, Gower Street, UCL, London, United Kingdom, 22/01/2020 [Invited Speaker] Speech title: Transport as an Experience
15.	*International Conference on Urban Computing and Smart Planning*, Nanjing, China, 12-14/10/2019 [Keynote Speaker] (funded by host) Speech title: Smart Maps
16.	*Tourism Experimental Research Conference*, Jinan, China, 27-30/09/2019 [Keynote Speaker] (funded by host) Speech title: Travel Behaviour Research in an E-Society
17.	*Bay Area Cities Transport Forum and 2018 International Forum on Transport Big Data Sharing & Collaboration*, Shenzhen, China, 7-8/12/2018 [Invited Speaker] (funded by host)(in Putonghua) Speech title: 人，街道與城市的有機結合 (Re-imagining People, Streets and Cities)
18.	*Urban Mobility Transitions: Towards Sustainable and Liveable Cities UCL-HKU Symposium*, London, United Kingdom, 28/11/2018 [Invited Speaker and Panel Discussant] Speech title: Walking Towards a Happy City
19.	*International Academic Conference on "Belt and Road" and the Building of Guangzhou as a Metropolitan City*, Guangzhou, China, 18/11/2018 [Invited Speaker] (funded by host) (in Putonghua)

	Speech title: 國際大都市的區域交通建設初探：以香港和廣州為案例(Regional Transport Infrastructure in Metropolitan Cities: Hong Kong and Guangzhou as Case Studies)
20.	***International Conference on Smart Society and Future Cities & 2018 Chinese Urban Geography Annual Meeting***, Nanjing, China, 4-7/07/2018 [Keynote Speaker] (funded by host) (in Putonghua) Speech title: 從最原始到最先進：行走于智慧城市 (From the Most Basic to the Most Advanced: Walking in Smart Cities)
21.	*Research Workshop & Doctoral Seminar "Comparative Analysis of Infrastructure Policy",* University of Bremen, Bremen, Germany, 07/06/2018. [Invited Speaker] (funded by host) (followed by a Panel Discussion with Secretary of State Jens Deutschendorf, Senator of Civil Engineering, Environment and Transportation of the Free Hanseatic City of Bremen) Speech title: Walkability of Cities: Flipping the Cityscape for People
22.	***Invited Seminar, Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR) (Germany Aerospace Centre)***, Institute of Transport Research in Berlin-Adlershof, Berlin, Germany, 04/06/2018. [Invited Speaker] (funded by host) Speech title: Challenges of Walkability in Cities
23.	*KST-HKSTS Joint Workshop on Transportation Research.* Department of Civil Engineering & Institute of Transport Studies, HKU; Hong Kong Society for Transportation Studies (HKSTS); Korean Society of Transportation (KST). 08/12/2017. [Invited Speaker] Speech title: Making a City Walkable
24.	*Conference on "Mobility and Energy Systems in Smart Cities of the Future" in the Framework of the Festival Zurich meets Hong Kong*, 27/10/2017. [Invited Speaker by the City of Zurich] Speech title: The Relevance of People and Place in Smart Mobility
25.	*First Eastern Asia Society for Transportation Studies (EASTS) PhD and Early Career Researcher Accelerator Forum*, Ho Chi Minh City, Vietnam. 17/09/2017. [Keynote Speaker and mentor] (funded by host) Speech title: Taking Ownership of Your Own Research: Some Possible Directions
26.	***World Symposium on Transport and Land Use Research 2017***, Brisbane, Queensland, Australia. 3-6/07/2017. [Keynote Speaker] (funded by host) Speech title: From Negative Externalities to Sustainability: What are the Ways Forward?
27.	*Chinese Academy of Sciences (CAS), Institute of Geographic Sciences and Natural Resources Research*, Beijing, China, 20/05/2017 [Invited Speaker](funded by host) Speech title: Decarbonizing Transport: Worldwide Trends and Challenges in China
28.	*1st Academic Conference on Tourist Travel Behaviour Research*, Shandong University, China, 23-25/09/2016. [Keynote Speaker] (funded by host) Speech title: Conservation Education in a Marine Theme Park: A New Model Linking Emotions, Time and Spatial Behaviour
29.	***The iBUILD Assembly***, Double Tree by Hilton, Granary Wharf, Leeds, LS1 4BR, United Kingdom. 6-7/06/2016. [Invited Speaker] (funded by host) Speech title: Transport Resilience in Hong Kong: The Occupy Central Movement from Another Perspective
30.	*Seoul Metropolitan Forum*, University of Seoul, Seoul, Korea, 19-20/11/2015. [Invited Speaker] (funded by host) Speech title: Sustainable Railway Futures: Supporting Cities and Beyond
31.	*Department of Geography, Nanjing University, Nanjing, China,* 16/10/2015. [Invited Speaker] (funded by host) Speech title: Neighbourhood Environment and Health among the Elderly in Hong Kong
32.	*Department of Geography, The University of Birmingham, United Kingdom*, 23/06/2015. [Invited Speaker] Speech title: Movements in Cities and Beyond: Sustainability and Quality of Life
33.	***International Symposium on "Urban Environment and Health: Interdisciplinary Approach"***, Graduate School of Human Development and Environment, Kobe University, Kobe, Japan, 07/01/2015. [Keynote Speaker] (funded by host) Speech title: Neighbourhood Environment and Health among Hong Kong Seniors

34. ***Academic Psychiatry Conference 2014***, Yong Loo Lin School of Medicine, National University of Singapore (NUS), Department of Psychological Medicine, National University Health System (NUHS), and National University Hospital (NUH), Singapore, 30/10-01/11/2014. [Invited Speaker] (funded by host)
Speech title: Relationship between the Environment and the Elderly

35. *Centre de recherche en amenagement et developpement (CRAD), Faculte d'amenagement, d'architecture, d'art et de design, Universite Lavel, Canada*, 25/08/2014. [Invited Speaker] (funded by host)
Speech title: Towards Sustainable Mobility Strategies in China: Opportunities and Challenges

36. *Low-carbon Cities: Land Use and Transportation Interventions*, Shaanxi Normal University and University of Minnesota, Xian, China, 12-13/06/2014. [Invited Speaker] (funded by host)
Speech title: Sustainable Mobility in Low-carbon Cities

37. *International Forum on Shipping, Ports and Airports (IFSPA) 2014: Sustainable Development in Shipping and Transport Logistics*, The Hong Kong Polytechnic University, Hong Kong, 19-21/05/2014. [Keynote Speaker]
Speech title: Towards an Intermodal Freight Transport System in Global Cities

38. *Sao Carlos School of Engineering, University of Sao Paulo (USP), Sao Paulo, Brazil*, 22/04/2014. [Invited Speaker]
Speech title: Rethinking Sustainable Mobility Strategies in China

39. *Centro de Desarrollo Urbano Sustentable (CEDEUS), Pontificia Universidad Catolica de Chile (PUC)*, Santiago, Chile, 16/04/2014. [Invited Speaker] (funded by host)
Speech title: Understanding and Planning for Sustainable Mobilities in Developing Countries: Lessons from China and Beyond

40. *Department of Transport and Logistics Engineering, School of Engineering, Pontificia Universidad Catolica de Chile (PUC)*, Santiago, Chile, 15/04/2014. [Invited Speaker] (funded by host)
Speech title: Sustainability Research: Challenges and Opportunities for Us to Work Together

41. *Transport Studies Unit, Oxford University Centre for the Environment, Oxford University*, Oxford, United Kingdom, 12/03/2014. [Invited Speaker] (funded by host)
Speech title: Sustainable Mobilities in China

42. *Symposium of Space-time Behavior and Smart City & The 9th Conference on Spatial Behavior and Planning*, Nanjing University, Nanjing, China, 4-5/01/2014. [Invited Speaker] (funded by host)
Speech title: Smart City= Low-carbon City= Happy City?

43. *Department of Urban Planning, Nanjing University, Nanjing, China*, 03/01/2014. [Invited Speaker] (funded by host)
Speech title: Planning Sustainable and Resilient Infrastructure: Challenges and Opportunities for Chinese Cities

44. ***Building Urban Sustainability and Resilience Symposium***, *University of Illinois at Chicago, Chicago*, USA, 20-21/05/2013. [Invited Speaker] (funded by host)
Speech title: Resiliency versus Sustainability: Conflicting or Complementary Goals in Cities

45. ***Resilience through Innovation: Critical Local Transport and Utility Infrastructure***, Institute of Directors, 116 Pall Mall, London, United Kingdom, 26/04/2012. [Invited Speaker] (funded by host)
Speech title: Five Thoughts on Critical Local Transport Infrastructure

46. ***China 2010-2030: Global China Expert Panel***, Geneva, Switzerland, 19/12/2011. Invited Speaker and Panel Member. Funded by CBMM and Fundaco Dom Cabral (FDC) [Invited Speaker] (funded by host)
Speech title: Urbanization and Mobility Outlook

47. ***International Geographical Union***, *The Israeli National Commission for Geography, IGU/UGI Regional Conference*, Tel Aviv, Israel, 12-16/07/ 2010. [Plenary Speaker] (funded by host)
Speech title: Different Dimensions of the E-society: Convergence or Divergence

48. *5th National Injury Control and Prevention Conference*, Wuhan, China, 21-24/10/2010. [Invited Speaker] (funded by host)(in Putonghua)

	Speech title: An Analysis of Traffic Injury in China
49.	*Traffic Safety Promotion: Primary and Secondary Prevention*, Trauma Center, Princess Margaret Hospital, HKSAR, Co-organized by WHO Collaboration Centre on Community Safety Promotion, Division of Social Medicine, Karolinska Instituet, Stockholm, Sweden, Department of Geography, HKU, Kwai Tsing Safe Community and Healthy City Association, HK, 30/10/2009. [Invited Speaker] Speech title: Identification of Hot Zones in Kwai Tsing: GIS Methodology
50.	*Motor Vehicle Crash Symposium 2008, Central Committee on Trauma Service, The Hospital Authority*, Lecture Theatre, G/F, Centre for Health Protection, The Hospital Authority, HK, 22/11/2008. [Invited Speaker] Speech title: Crashes and Traffic Casualties: A Spatial Perspective
51.	*2nd International Symposium on Road Safety (ISRS' 2006)*, School of Geography, HKU and Transport Department, The Hong Kong SAR Government, Sheraton Hotel, HK, 05/08/2006. [Invited Speaker] Speech title: A Spatial Analysis of Crashes in Hong Kong

I.4b) INVITED SPEAKER/PANELIST/INTERVIEWEE FOR KNOWLEDGE EXCHANGE

Becky has been regularly interviewed by the media about transport issues. Local television, radio and newspaper interviews are not listed below.

1.	***Tech for Good, CNN.*** Smart Mobility Series with Ms Kristie Lu Strout, 12/2023 (An invited guest) Solar cars: https://www.cnn.com/videos/tv/2023/12/11/tech-for-good-solar-car-b-spc.cnn Electric air taxis: https://edition.cnn.com/videos/tv/2023/12/13/tech-for-good-electric-airplanes-sustainable-mobility-a-spc.cnn Electric boats: https://edition.cnn.com/videos/tv/2023/12/12/tech-for-good-sustainablie-mobility-c-electric-boating-spc.cnn
2.	***Sharing Session: Hong Kong's Sustainability Leaders & Mayors of America's Heartland***, HKU Business School and United States Heartland China Association, 30/10/2023. (An invited speech and dialogue with a delegation of six US Mayors on sustainability) Speech title: Sustainability and Electric Mobility: The Need for Government-Industry-Citizen Collaboration
3.	***Taylor & Francis Insights, UK.*** Sustainable transport in cities: How city mobility can meet economic, social, and environmental needs. 30/08/2022.
4.	***Hong Kong's Pathway to Carbon Neutrality***, Wilson Center (co-hosted by the Hong Kong Economic and Trade Office and ECSP), Washington D.C., 06/04/2022 [**Invited Panellist**, with Secretary of Environment, Hong Kong SAR Government, KS Wong, and Executive Director of the Hong Kong Monetary Authority, Darryl Chan; moderated by Jennifer Turner]
5.	***Pedestrianspace.org***, Poland. Exploring Perceptions and Definitions of Walkability. 2022/01/31
6.	***Trinity College Dublin***, Ireland. Future Cities - Hong Kong. 2021/05/12*
7.	Hong Kong Science and Technology Park (HKSTP), HK. Technology and Traffic Simulations. 2021/03
8.	***Smart and Sustainable Mobility: Delivering Low Carbon Places***, CILT Green Series Webinar, London, United Kingdom, 21/04/2020 [Invited Panellist, with Giles Perkins, Deborah Fox & Lucie Anderton] Speech title: The Importance of a Strategic Framework
9.	***Portugal Mobi Summit, Portugal***. Panel Discussion. 2020/10*
10.	*New Perspectives on Holistic Rehabilitation and Social Inclusion towards 2030 邁向 2030：推動全人復康與社會共融新思維. 28-29/03/2019* [Invited Plenary Speaker] (in Cantonese) Speech title: 殘疾人士的流動性：科技與鄰裡環境的重要性 (Mobility of Persons with Disabilities: The Relevance of Technologies and Neighbourhood Environment)
11.	***Sharing Session, Harbour Unit, Development Bureau, The Hong Kong SAR Government.*** Conference Hall C, 2/F, Central Government Offices, Hong Kong, 02/06/2017. [Invited Speaker]

	Speech title: Walkability in Hong Kong: Pedestrian Planning
12.	***Knowledge Sharing Seminar of Hong Kong 2030+: Towards a Planning Vision and Strategy Transcending 2030.*** Planning Department, Multi-purpose Hall, City Gallery, Hong Kong, 01/04/2017. [Guest Speaker] Speech title: Transport, Life
13.	***Professional Forum for Traffic Engineers 2017. Transport Department.*** Auditorium of CSTDI, North Point Government Offices, Hong Kong, 20/02/2017. [Invited Speaker] Speech title: Walkability: Opportunities for Enhancement
14.	*PedBike Trans*, Brisbane, Australia. 05/08/2015. [Invited Speaker] Speech title: Bicycle Collisions: Geographical and Behavioural Aspects
15.	***Queensland Department of Transport and Main Roads***, Brisbane, Australia, 30/07/2015. [Invited Speaker] ❁ Speech title: Neighbourhood, Social Capital and Health of the Seniors
16.	*OECD Roundtable on Public Private Partnerships for Funding Transport Infrastructure: Sources of Funding, Managing Risk and Optimism Bias. IEA Headquarters*, 9 rue de la Federation, 75105 Paris, France, 27-28/09/2012. [Invited panellist funded by host].
17.	*Bicycle Injury: From Global to Local: NTWC Program cum Central Commissioned Training Program 2012*, HK, 11/11/2012. [Invited Speaker] Speech title: The Relationship between Geographical and Behavioral Characteristics in Bicycle Injury
18.	*RGS-IBG Annual International Conference*, London, United Kingdom, 1-3/09/2010. [Invited guest of the transport geography session funded by host]
19.	*Green Transport in Hong Kong: Asia's World City, Shanghai Expo*, China, 18/06/2010. [Invited panel member funded by host].
20.	*Busan International Conference on Global Strategy for Regional Economic Development and Urban Regeneration*, Busan, South Korea, 14-17/04/2008. [Invited participant funded by host]

I.5) EDITORSHIPS

1.	Kourtit, K., Loo, B.P.Y., & Nijkamp, P. (2025). (Guest Eds.). *Transportation Research Part A-Policy and Practice.* Special Issue on "The 15-minute city: A Transportation and Accessibility Challenge". **(IF_{2025}=7.2) [Q1; 96.7%[2]]** ♣ ❁
2.	Loo, B.P.Y. (2025). (Guest Ed.). *Social Science & Medicine.* Special Issue on "Slow Mobility, Environment and Health". **(IF_{2025}=4.1) [Q1; 92.7%[19]]** ♣ ❁
3.	Loo, B.P.Y., Ng, S.T., & Ochieng, W.Y. (2024). (Guest Eds.). *Sustainable Cities and Society.* Special Issue on "People-Environment-Infrastructure Relationship in Future Cities". **(IF_{2025}=13.3) [Q1; 97.6%[18]]** ♣
4.	Loo, B.P.Y., Jones, P., & Zhao, P. (2022). (Guest Eds.). *Journal of Transport Geography.* Special Issue on "Cities for People". **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣
5.	Loo, B.P.Y., & Wang, D. (2014). (Guest Eds.). *Journal of Transport Geography.* Special Issue on "Changing Landscapes of Transport and Logistics in China". **(IF_{2025}=6.8) [Q1; 96.2%[2]]** ♣
6.	Lam, W. W.Y., & Loo, B.P.Y. (2013). (Eds.). *Travel Behaviour & Society: Proceedings of the 18th International Conference of HKSTS, 14-16/12/2013.* HK: HKSTS. (ISBN: 978-988-15814-2-6)
7.	Loo, B.P.Y. (2008). (Guest Ed.). *International Journal of Sustainable Transportation.* Special Issue on "Sustainable Transport Experiences: An International Survey". **(IF_{2025}=3.1) [Q3; 48.8%[4]]**
8.	Loo, B.P.Y., & Lam, S.W.K. (2005). (Guest Eds.). *Transportmetrica A-Transport Science.* Special Issue on "Some Recent Advances in Transportation Studies". **(IF_{2025}=3.9) [Q2; 64.4%[11]]**
9.	Loo, B.P.Y. & Lam, S.W.K. (2003). (Eds.). *Transportation and Logistics: Proceedings of the 8th Conference of HKSTS, 13-14/12/2003.* HK: HKSTS. (ISBN: 988-97488-1-9)
10.	Loo, B.P.Y. (2002). (Guest Ed.). *Networks and Communication Studies.* Special Issue on Internet Development in Asia.

11. Loo, B.P.Y. (2002). (Ed.). *Quality Assurance Handbook*. HK: CILTHK.
12. Ho, S.F., Loo, B.P.Y., Wong, S.C., & Lo, H.K. (2003). (Eds.). *Professional Qualifying Examination: Jan. & May 2003: Question Papers and Suggested Solutions*. HK: CILTHK.
13. Ho, S.F., Wong, S.C., B.P.Y. Loo, & Lo, H.K. (2002). (Eds.). *Professional Qualifying Examination May 2002: Question Papers and Suggested Solutions.* HK: CILTHK.
14. Wong, P.C.C., Wong, S.C., B.P.Y. Loo, & Leung, B.S.Y. (2001). (Eds.) *Professional Qualifying Examination: Question Papers and Suggested Solutions, May 2001*. HK: CILTHK.

I.6) CONFERENCE AND WORKING PAPERS

Becky has presented **>200** research papers in at local, regional and international conferences/seminars in Ascona (Switzerland), Athens (Greece), Berkeley (USA), Berlin (Germany), Birmingham (UK), Bremen (Germany), Brisbane (Australia), Budapest (Hungary), Busan (South Korea), Chicago (USA), Denver (USA), Dubai (UAE), Geneva (Switzerland), Helsinki (Finland), Hoh Chi Minh City (Vietnam), Honolulu (USA), Johannesburg (South Africa), Kobe (Japan), Kyoto (Japan), Leeds (UK), London (UK), Melbourne (Australia), Montreal (Canada), New Orleans (USA), Oxford (UK), Paris (France), Rio de Janeiro (Brazil), Sao Paulo (Brazil), Santiago (Chile), Seoul (South Korea), Singapore (Singapore), Sydney (Australia), Tallinn (Estonia), Tel Aviv (Israel), Tunis (Tunisia) and various cities in China.

I.7) CONSULTING REPORTS, CASE STUDIES, AND PATENTS

1. Invention: *A Method for Estimating Sidewalk Widths Using Street-View Images 一种基于街景图像的人行道宽度估计方法及系统*. Inventors: Bao, S., Loo, B.P.Y., Pan, W., & Z. Zheng. The University of Hong Kong. (IP01819 CN & IP01819 HK)
2. Invention: *A deep learning-based framework for recovering 3D motion information from visual data 一种基于深度学习的视觉三维运动信息恢复方法*. Inventors: Bao, S., Loo, B.P.Y., Pan, W., & Z. Zheng. The University of Hong Kong. (IP01702 CN & IP01702 HK)
3. Lian, T. & Loo, B.P.Y. (2025). *Hot zones of all traffic crashes in Hong Kong (1995-2021)* [Interactive dashboard]. HKU Data Repository. Online resource. https://doi.org/10.25442/hku.30208096.v1
4. Lian, T. & Loo, B.P.Y. (2025). *Hot zones of bus-involved traffic crashes in Hong Kong (1995-2021)* [Interactive dashboard]. HKU Data Repository. Online resource. https://doi.org/10.25442/hku.30208171.v1
5. Loo, B.P.Y. (2025). A review of five books by Pengjun Zhao and team on transport and urban transformation in China. *Habitat International*, 159, 103356. DOI:10.1016/j.habitatint.2025.103356 **(IF_{2024}=7.0)** **[Q1; 97.7%[16]]**
6. Loo, B.P.Y. (2020). Final Report on *Re-establishing Ferry's Key Position in the Sustainable Transport System of Hong Kong*, Final Report submitted to the Public Policy Research Funding Scheme, Policy Innovation and Co-ordination Office, Hong Kong SAR Government.
7. Loo, B.P.Y. (2017). Government Consultancy Research on *Walkability in Pedestrian Planning and Enhancement of Pedestrian Network in Hong Kong* (PLB(Q)016/2015), Institute of Transport Studies, HKU.
   A Preliminary Assessment Report, a Task 1 Report, a Task 2 Report, a Task 3 Report, a Task 4 Report, and a Final Report
8. Department of Civil Engineering and Institute of Transport Studies. (2015). *Review for Study on Applying Adjustment/Calibration Factor to Car Journey Time Survey Conducted beyond the Regular Survey Period* (Agreement No. TD 48/2015) (PI: S.C. Wong)
9. Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., So, F.L., Lee, H.S., & So, S.S. (2013). *Bicycle Injury Prevention Program in Tuen Mun District. Final Report Health Care and Promotion Fun*d (Project No.: 24100244) **[Award 2015]**

10. Department of Civil Engineering & Institute of Transport Studies, HKU. (2012). *Research Study on the Installation of Seat Belts on Student Service Vehicles in Hong Kong: Final Report* (10/2012). Prepared for the Transport Department, HKSAR Government. (Agreement No.: TD 31/2010) (PI: S.C. Wong)
11. Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., & So, F.L. (2012). *Bicycle Injury Prevention Program in Tuen Mun District: Analysis of Bicycle Accident Hot Zones and Site Investigation*. Prepared for the Tuen Mun District Council.
12. Wong, S.C, Sze, N.N., Loo, B.P.Y., Chow, S.Y., Lo, H.K., & Hung, W.T. (2011). *Performance Evaluations of the Trial Spiral-marking Roundabouts in Hong Kong, 2004-2010*. Prepared for the Road Safety Research Committee, Road Safety Council, Hong Kong SAR Government.
13. Chow, C.B., Kwong, J.T.H., Leung, M., Lai, A.S.F., & Loo, B.P.Y. (2010). *Development of an Integrated Traffic Injury Database in Kwai Tsing: Final Report (05/2010)*. A project funded by the Health Care and Promotion Fund (Project No.: 21070504). **[Award 2011]**
14. Holliday, I., Loo, B.P.Y., Mok, K.H., Ng, C.N., & Walker, R.M. (2009). *Further Developing Hong Kong as a World City: Report on Brainstorming Sessions*, 04/2009 (Internal report submitted to Information Services Department, Hong Kong SAR Government).
15. Loo, B.P.Y. (2007). *The Redistribution of Container Truck Traffic among Different Land-based Customs Check-points after the Opening of the Shenzhen Western Corridor: Final Report*. A contract research project funded by Route 3 (CPS) Co. Ltd.
16. MVA Hong Kong Limited (Loo, B.P.Y. as a consultancy team member) (2004). *Study of Air Travel Demand in Guangdong and Hong Kong International Airport's Surface Transport Connectivity Strategy*. A Consultancy Report commissioned by the Airport Authority Hong Kong.
17. Loo, B.P.Y., Hung, W.T., Lo, H.K., & Wong, S.C. (2002). *Review of Overseas Practices on the Formulation of Road Safety Strategy and the Effectiveness and the Applicability in Hong Kong.* A consultancy report commissioned by Transport Department, Hong Kong SAR Government. ❁
Final Report, Applicability Report, Evaluation Report, Review Report

I.8) RESEARCH GRANTS

I.8.1) EXTERNAL PEER-REVIEWED COMPETITIVE RESEARCH GRANTS/FUNDING

1. **Integrated Real-Time Safe Driving and Fleet Management Platform for Large Construction Components Transportation 運送大型建築構件的實時安全行車及車隊管理綜合平台**

Principal Investigator: W. Pan
Team leaders: B.P.Y. Loo, S.M. Yiu, F. Zhang, L. Chu, Z. Zhang & Z. Zheng
Funding Source: Smart Traffic Fund (HKD12.54million with matching) (Project number: PSRI/141/2607/RA)
Project Duration: 01/12/2026–30/11/2028

2. **Unveiling Near-road Ultrafine Particle Pollution in Hong Kong through Machine Learning and Computer Vision for Identifying Exposure Hotspots and Major Emitters 運用機器學習與電腦視覺技術揭示香港近道路超細懸浮粒子污染以識別暴露熱點與主要排放源**

Principal Investigator: J. Xu
Co-investigators: N.Y.F. Lam, B.P.Y. Loo & B. Huang
Funding Source: Environment and Conservation Fund (HKD0.5million) (Project number: 257/2025)
Project Duration: 01/04/2026–30/09/2028

3. **Integrating Visual, Behavioural and Spatial Intelligence in Road Safety 結合視覺、行為和空間智能以改善道路安全** ❁

Principal Investigator: B.P.Y. Loo
Funding Source: General Research Fund (GRF) (HKD1.19million) (Project number: 17603825)
Project Duration: 01/01/2026–31/12/2028

4. **Bus Travel Time Prediction Algorithm for Handling Complex Road Conditions 能應對複雜路面情況的巴士出行時間預測算法**

Principal Investigator: B.P.Y. Loo
Team leaders: A. Lam & K.F. Chu
Funding Source: Smart Traffic Fund (HKD3.37million with matching) (Project number: PSRI/110/2501/PR)
Project Duration: 01/08/2025–31/07/2027

5. **A Smart Planning Platform for Safe and Efficient MiC Module Transport 組合建築模塊安全高效運輸智慧規劃平臺**

Principal Investigator: W. Pan
Team leaders: B.P.Y. Loo, S.M. Yiu, F. Zhang, L. Chu, Z. Zhang & Z. Zheng
Funding Source: Smart Traffic Fund (HKD21.47million with matching) (Project number: PSRI/69/2306/RA)
Project Duration: 01/12/2023–30/11/2025

6. **Estimating Carbon Emissions, Assessing Decarbonization Strategies and Managing Green Transportation in Hong Kong with a Multifunctional Simulation Platform 用以估算香港碳排放量、評估減碳策略與管理綠色運輸的多功能仿真平台**

Principal Investigator: J. Ke
Co-investigators: S.C. Wong, B.P.Y. Loo & M.-P. Kwan
Funding Source: Environment and Conservation Fund (HKD0.5million) (Project number:102/2022)
Project Duration: 01/03/2024–28/02/2026

7. **Teleworking in the E-society: Spatiotemporal Patterns, Influencing Mechanism and Spatial Effect 智慧社會下的遠程辦公：時空模式、影響機理及空間效應**

Principal Investigator: B. Wang
Co-Investigator: B.P.Y. Loo & Y. Yu
Funding Source: National Natural Science Foundation of China 國家自然科學基金 (RMB0.45million) (Project number: 42271210)
Project Duration: 01/01/2023-31/12/2026

8. **Understanding the Dynamic Nature of the Healthy Aging Framework: A Real-time Assessment of Person-environment Interaction using Smartphone Application and Ecological Momentary Assessment (Completed)**

Principal Investigator: T.Y.S. Lum
Co-Investigator: O.F. Chan, Y, Guo, Y. Liu, B.P.Y. Loo, S. Lu, H. Luo, M. Martin, E.C.H. Ngai, C. Rocke & G.H.Y. Wong
Funding Source: General Research Fund (GRF) (HKD0.94million) (Project number: 17625122)
Project Duration: 01/01/2023–28/02/2025

9. **An Evidence-based, Three-dimensional Agent-based Model for Managing Communicable Diseases in a Hyperdense Metropolis (Completed)**

Principal Investigator: K. Koh
Co-Investigator: J. Lee & B.P.Y. Loo
Funding Source: General Research Fund (GRF) (HKD0.24million) (Project number: 27601922)
Project Duration: 01/01/2023–31/12/2024

10. **Improving Bus Safety in Hong Kong: From Advanced Spatial Analysis to Artificial Intelligence 以空間分析和人工智慧提升香港巴士交通安全 (Completed)**

Principal Investigator: B.P.Y. Loo
Funding Source: RGC GRF (HKD1.12million) (Project number: 17616221)
Project Duration: 01/01/2022–31/12/2024

11. **Investigation of High-ozone episodes in Southern China due to Distant Tropical Cycles 熱帶氣旋引起的高臭氧調查 (Completed)**

Principal Investigator: N.Y.F. Lam
Co-Investigator: B.P.Y. Loo
Funding Source: Environment and Conservation Fund (ECF) (HKD0.86million)

Project Duration: 01/08/2019–31/07/2021

12. **Ageing-in-place in Chinese Cities: Promoting Quality of Life through the Urban Environment, Smart Technologies and Big Data 基於大小資料結合的城市居家養老生活品質與鄰里環境關係研究 (41671154) (Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: National Natural Science Foundation of China 國家自然科學基金 (RMB0.68million)
Project Duration: 01/01/2017–30/12/2020

13. **Re-establishing Ferry's Key Position in the Sustainable Transport System in Hong Kong 重塑渡輪成爲香港可持續交通模式的重要地位(Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: Public Policy Research (PPR) Funding Scheme, Policy Innovation and Co-ordination Office (HKD0.81million)
Project Duration: 15/06/2018–14/12/2019

14. **Understanding Children's Independent Mobility and their Road-crossing Ability: Challenges and Opportunities in Hong Kong (Completed)**
Principal Investigator: B.P.Y. Loo
Co-Investigator(s): K.L. Tsui & F.L. So
Funding Source: RGC GRF (HKU 406314) (HKD0.63million)
Project Duration: 01/01/2015–31/12/2017

15. **"Walkability" in Pedestrian Planning and Enhancement of Pedestrian Networks in Hong Kong (Completed) (PLB(Q)016/2015)**
Principal Investigator: B.P.Y. Loo
Funding Source: Development Bureau (HKD1.40million)
Project Duration: 05/03/2016–01/03/2017

16. **Revisiting the "Three Ds" in Transit-oriented Development (TOD): A People-oriented and Place-based Perspective (Completed) (HKU 748912)**
Principal Investigator: B.P.Y. Loo
Funding Source: RGC GRF (HKD0.67million)
Project Duration: 01/01/2013–31/12/2015

17. **Healthy Ageing and Sustainable Transport (Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: HKU, 27th Round PDF/RAP Scheme (HKD0.63million)
Project Duration: 07/09/2012–06/09/2015

18. **Promoting Active Transportation for the Elderly: A Comparative Study of Three Asian Cities (Completed)**
Principal Investigator: B.P.Y. Loo
Co-investigator(s): W.W.Y. Lam, K. Katagiri & R. Mahendran
Funding Source: Global Asia Institute (GAI) NUS Initiative to Improve Health in Asia (NIHA) (HKD0.96million)
Project Duration: 15/05/2012–14/06/2015

19. **Bicycle Injury Prevention Program in Tuen Mun District (Completed) (24100244)**
Principal Investigator: S.C. Wong
Co-investigator(s): N.N. Sze, B.P.Y. Loo, K.L. Tsui, F.L. So, H.S. Lee & S.S. So
Funding Source: Health Care and Promotion Fund Committee, Food and Health Bureau, Hong Kong SAR Government (HKD0.23million)
Project Duration: 01/09/2011–28/02/2013

20. **Understanding and Enhancing the Mobility and Safety of Elderly Pedestrians (Completed)**
Principal Investigator: B.P.Y. Loo
Co-investigator(s): K.L. Tsui
Funding Source: RGC GRF (HKU 749210) (HKD0.65million)
Project Duration: 01/01/2011–30/06/2013

21. **Consultancy Study on the Installation of Seat Belts on Student Services Vehicles (SSVs) in Hong Kong (Completed)**
Principal Investigator: S.C. Wong
Co-investigator(s): T. Sze, P. Poon, K.Y. Sze, F.W.H. Chan, W.T. Hung, H.K. Lo & B.P.Y. Loo
Funding Source: Highways Department, HKSAR Government (HKD1.04million)
Project Duration: 01/08/2010–26/04/2012

22. **Rail-based Transit-oriented Development: Urban Structure and Geographical Characteristics (Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: RGC GRF (HKU 7481 08H) (HKD0.54million)
Project Duration: 01/01/2009–30/06/2011

23. **Research on Hot Zones: Facing the Theoretical and Methodological Challenges (Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: RGC CERG (renamed as GRF later) (HKU 7472 07H) (HKD0.85million)
Project Duration: 01/01/2008–31/12/2010

24. **Development of an Integrated Traffic Injury Database in Kwai Tsing (Completed)**
Principal Investigator: C.B. Chow
Co-Investigator(s): T.H.J Kwong, M. Leung, S.F.A. Lai & B.P.Y. Loo
Funding Source: Health Care and Promotion Fund Committee, Food and Health Bureau, HKSAR Government (21070504) (HKD0.22million)
Project Duration: 01/03/2008–28/02/2010

25. **From the Black Spot to "Black Zone" Methodology in Road Safety Research: A Case Study of Hong Kong (Completed) (729604)**
Principal Investigator: B.P.Y. Loo
Co-investigator(s): W.S. Chan
Funding Source: RGC CERG (renamed GRF) (HKD0.64million)
Project Duration: 01/01/2005–30/06/2007

26. **Review of Overseas Practices on the Formulation of Road Safety Strategy and the Effectiveness and Applicability in Hong Kong (Completed) (RSS 1/2002)**
Project Leader: B.P.Y. Loo
Team Members: W.T. Hung, Hong K. Lo & S.C. Wong
Funding Source: Transport Department, HKSAR Government (HKD0.50million)
Project Duration: 10/06/2002–10/09/2002

27. **Improving Air Quality in Hong Kong: The Views of Public Transport Operators on Sustainable Transport (Completed) (HKU 7173 01H)**
Principal Investigator: B.P.Y. Loo
Co-investigator(s): T.D.K. Hau & S.C. Wong
Funding Source: RGC CERG (renamed GRF) (HKD0.52million)
Project Duration: 31/12/2001–30/09/2004

External Peer-Reviewed Competitive Grants Related to "Teaching and Learning Innovations" are listed under Section II.3.1.

I.8.2) INDUSTRY-SPONSORED AND OTHER RESEARCH GRANTS/FUNDING

1. **Joint Lab on Future Cities**
Principal Investigator: B.P.Y. Loo
Co-Investigator: H.K.H. So
Funding Source: Prosit Philosophiae Foundation (First Phase: HKD2.00million; Second Phase: HKD2.00million)
Project Duration: 01/07/2018–30/06/2031

2. **Better Data Analytic Performance in Understanding Transportation in Smart Cities**
Principal Investigator: B.P.Y. Loo
Co-Investigator: H.K.H. So

Funding Source: Government Matching Grant Scheme (8th UGC) (HKD1.00million)
Project Duration: 01/05/2021–31/12/2025

3. **Creating an Age-friendly MTR System: Sensory Challenges, Walking Environments and Wellbeing of the Elderly MTR Users**

Principal Investigators: T.K. Chan (Lingnan University)
Co-Investigators: K.W.M., Siu, B.P.Y. Loo & T.E. Li
Funding Source: MTR Research Funding (MRF) (HKD0.68million)
Project Duration: 03/2024–04/2026

4. **Guangdong-Hong Kong-Macao Joint Laboratory on Smart Cities (粵港澳智慧城市聯合實驗室) (Completed)**

Principal Investigators (專案負責人): R. Guo (Shenzhen University), A.G.O. Yeh (HKU) & J. Yuan (Macao University)
Co-Investigators (主要參與人員) at HKU: F. Bian, Z. Chen, R. Cheng, W. Li, B.P.Y. Loo, W.Y. Szeto, J. Zhou & S.C. Wong (There are six key themes; B.P.Y. Loo is the Academic Leader 學術帶頭人 of Theme 4 on Smart City Development and Simulations.)
Funding Source: 2020 Guangdong Province Technological Innovation Special Fund of the Department of Science and Technology of the Guangdong Province (廣東省科學技術廳) (HKD5.89million)
Project Duration: 11/2020–06/2023

5. **Using Computer Vision, Machine Learning, and Artificial Intelligence to Improve Bus Safety in Smart Cities: A Pilot Study (Completed)**

Principal Investigator: B.P.Y. Loo
Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB), & Research Matching Grant Scheme (RMGS) (UGC) (HKD0.28million)
Project Duration: 01/10/2020–30/09/2022

6. **Reducing Transport Stress in Big Cities: MTR Passengers, Services and Stations (Completed)**

Principal Investigator: B.P.Y. Loo
Funding Source: The Mass Transit Railway Corporation (MTRC) (HKD0.50million)
Project Duration: 01/04/2020–28/02/2021

7. **Reducing Transport Stress in Big Cities: Buses, Bus Stops and Bus Passengers (Completed)**

Principal Investigator: B.P.Y. Loo
Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB) and Long Win Bus Company Limited (LWB), & Research Matching Grant Scheme (RMGS) (UGC) (HKD0.70million)
Project Duration: 01/12/2019–31/03/2021

8. **Together in a Sustainable Transport Dream at the Two Bay Areas (One Dream, Two Bay Areas) (Completed)**

Principal Investigator: B.P.Y. Loo (HKU) & Gil Tal (UC Davis)
Co-investigator(s): J.H. Lee, A. Jenn, S. Hardman, J. Zhou, W. Li, P. Zhu, R.C.K. Cheng, Y-H Kuo, W.Y. Szeto & G.Q. Huang
Funding Source: UC Davis-HKU Collaboration in Research Scheme (HKD0.39million)
Project Duration: 01/08/2018–31/12/2020

9. **New Algorithms and Approaches to Extract Land Cover Attributes through the Integration of Multisource and Multitemporal Satellite Images (Completed)**

Principal Investigator: R. Lafortezza
Co-Investigator: B.P.Y. Loo, J Qi & R Bellotti
Funding Source: Seed Fund for Basic Research (HKD0.15million)
Project Duration: 28/06/2018–27/06/2020

10. **The Role of Transport in Transiting to Liveable and Sustainable Cities in Europe and China (Completed)**

Principal Investigators: B.P.Y. Loo (HKU) & P. Jones (UCL)
Funding Source: HKU-UCL Strategic Partnership Fund (HKD0.20million)
Project Duration: 01/01/2018–30/12/ 2019

11. **Healthy and Active Ageing: What is the Role of the Urban Environment? (Completed)**

Principal Investigator: B.P.Y. Loo
Funding Source: Sixth Government Matching Grant Scheme (HKD0.27million)
Project Duration: 01/01/2014–31/12/ 2015

12. **China's Mobility Transition 2030 (Completed)**
Principal Investigator: B.P.Y. Loo
Funding Source: CBMM Technology Suisse SA (HKD0.48million)
Project Duration: 08/2012–07/2013

13. **Pedestrian Walkway Environment and Its Impact on People's Path Choice: A Comparative Study of Hong Kong and New York (Completed)**
Principal Investigator: B.P.Y. Loo
Co-Investigator(s): Z. Guo
Funding Source: HKU Faculty of Social Sciences, "Managing World Cities" Initiative (HKD0.11million)
Project Duration: 04/2010–09/2011

Conference and small grants (less than HKD0.1 million) are not listed.

I.9) CONFERENCE AND WORKSHOP ORGANIZATION

1. **Co-Chairperson, Future Cities Symposium, 14-15/11/2025 in Hong Kong and 17/11/2025 in Dubai**, jointly organized by HKU Joint Lab on Future Cities, Royal College of Art (RCA) Future Cities Laboratory (UK), and Dubai Chambers (Co-chaired with R. Wong, H. So, A. Lahoud & S. Jacoby).
2. **Co-Chairperson, The HK-Swiss Symposium on Future Cities**, Co-organized by ETH Zurich and HKU (Institute of Transport Studies and Joint Lab on Future Cities), 16-17/05/2022 (Co-chaired with K. Axhausen, ETH).
3. **Co-Chairperson, International Symposium on High-speed Railways and Regional Development**, Organized by HKU (Institute of Transport Studies) and Liverpool University and co-organized by Jiangxi Normal University (School of Geography and Environment) and *Computational Urban Science* (Springer), 12/05/2022 (Co-chaired with H. Lin, Jiangxi Normal University).
4. **Co-Chairperson and Convenor**, **People-environment Dynamics under COVID-19**, COVID-19 and Geography series, Department of Geography, HKU, 28/05/2020.
5. **Chairperson and Convenor**, **Location Intelligence, Human Mobility and Travel Restrictions under COVID-19**, COVID-19 and Geography series, Esri China (HK) Limited, HKU Geographic/Land Information System (GIS) Research Centre, and Department of Geography, HKU, 23/04/2020.
6. **Chairperson and Convenor**, **From Mapping SARS to COVID-19: Why and How Geography Matters?**, COVID-19 and Geography series, Department of Geography, HKU, 09/04/2020.
7. **Chairperson, International Conference on Smart Mobility and Logistics in Future Cities**, jointly organized by the Institute of Transport Studies, HKU, CILTHK, and Transport Department of HKSAR Government, Hong Kong Convention and Exhibition Centre, HK, 18-20/10/2018.
8. **Chairperson, Workshop on Electric Vehicles and Future Cities**, jointly organized by the Institute of Transport Studies at HKU and Tongji University Laboratory of Big Data Security for Transportation (BiDas-T), 29/09/2018, HK.
9. **Chairperson, HKU-UCL Symposium on The Role of Transport in Transiting to Liveable and Sustainable Cities in Europe and China**, 09/05/2018, Hong Kong.
10. **Chairperson**, **The 18th International Conference of the HKSTS: Travel Behaviour and Society**, jointly organized by the HKSTS, the Department of Geography and the Institute of Transport Studies at HKU, 14-16/12/2013.
11. **Chairperson, Workshop on Transportgraphy: Advances in Spatiotemporal Transport Analysis**. 12/12/2012, jointly organized by the Institute of Transport Studies and the HKSTS.
12. **Chairperson, Second International Symposium on Road Safety (ISRS' 2006)**, 05/08/2006 (IRSR' 2006), jointly organized by the Transport Department of HKSAR Government and the School of Geography of HKU (05/2005-9/2006)

13. **Chairperson, Post-conference Workshop of The Ninth International Conference of the HKSTS on Sustainable Urban Transportation: Concepts, Policies and Methodology**, 12/2004, jointly organized by the HKSTS and the Department of Geography of HKU (09/2003-12/2004)
14. **Co-Chairperson, The Eighth International Conference of HKSTS on Transportation and Logistics**, 12/2003, jointly organized by HKSTS, the Airport Authority Hong Kong and the Department of Geography of HKU (09/2002-12/2003)
15. **Organizing Committee Member/ Scientific Committee Member (Selected)**
Euro Working Group on Transportation (EWGT) conference 2024 & 2025; International Forum on Shipping, Ports and Airports (IFSPA) 2024; 9th International Symposium on Transport Network Resilience (INSTR) 2023

I.10) PRIZES, AWARDS, HONOURS & FELLOWSHIPS

Construction Industry Council (CIC) Artificial Intelligence (AI) Award 2026 (2026 建造業議會人工智能大獎)

AI Adoption (Research – Total Lifecycle Management) - Silver Award: Autonomous Twin for Hotel Energy Optimisation (The University of Hong Kong, Joint Lab on Future Cities) AI 研究與開發(全生命周期管理)銀獎：酒店能源優化自主數碼分身系統（香港大學未來城市聯合實驗室）

第十一届广东省哲学社会科学优秀成果奖

论文： 一等奖（2026-B-1-058）Becoming smarter through smart city pilot projects: Experiences and lessons from China since 2013 (通过智慧城市试点项目迈向智慧化: 2013 年以来中国的经验与启示). *Journal of Urban Technology*, 2022, Vol. 29 中山大學，王波

Gold Medal. International Exhibition of Inventions Geneva, Palexpo, Geneva, 11-16/03/2026

- Loo, B.P.Y., Bao, S., Fan, Z. & Lian, T.. Sight2Insights: A Scalable AI Platform on Urban Visual Intelligence.

Fellow of the Academy of Social Sciences (FAcSS), United Kingdom (英國社會科學院院士)

- The award of the Fellow of the Academy of Social Sciences (FAcSS) has been conferred on Professor Becky P.Y. Loo for her contribution to social science on 01/10/2019.

Chang Jiang Scholar, Chair Professor, Ministry of Education, PRC (長江學者講座教授)

- This high-level official award and title Chang Jiang Scholar was conferred by the Ministry of Education, People's Republic of China. She is a Chang Jiang Scholar at the School of Geography and Environment of Jiangxi Normal University from 04/2021-03/2024.

Fellow of the Chartered Institute of Highways and Transportation (FCIHT)

Elected in 01/2026 (Fellowship by invitation)

Fellow of the Chartered Institute of Logistics and Transport (FCILT)

Elected in 10/2005 (Chartered Member since 1997)

Fellow of Industry Academy, The International Artificial Intelligence Industry Alliance (AIIA)

- Elected on 11/03/2024

Stanford/Elsevier University Top 2% Scientists of the World (2020-2025)

- Field: Economics & Business; Primary Sub-field: Logistics & Transportation
- Based on the latest 2025 career-long citations, Becky ranks 60 in her sub-field. Among the Global 100, seven are based in Hong Kong. She is the only one from a non-engineering background and is the only female.
- Based on the latest 2025 single-year citations, Becky ranks 44 in her sub-field. Among the Global Top 50, three are based in Hong Kong. She is the only one from a non-engineering background and is the only female.

Highly Ranked Scholar - Lifetime by ScholarGPS (Speciality: Sustainable Transport) (2024-2026)

- Top 0.05% of scholars in the Speciality worldwide. Only four individuals made it to the top 0.05%. Becky ranks third globally.

HKU Top 1% Scholars (2019-2025)

Eastern Asia Society for Transportation Studies (EASTS) Outstanding Transportation Project Award 2019

- Awarded to her project entitled "Walkability in Pedestrian Planning and Enhancement of Pedestrian Network in Hong Kong". The award was presented on the occasion of the 13th EASTS International Conference in Colombo, Sri Lanka on 9-12/09/2019 in recognition of the project's excellence in terms of social impact and planning in pursuit of the objectives of excellence in transportation projects in Eastern Asia.

Outstanding Health Promotion Project Award 2015

- Awarded by the Food and Health Bureau at the Health Promotion Symposium 2015 (11/2015) on Wong, S.C., Sze, N.N., Loo, B.P.Y., Tsui, K.L., So, F.L., Lee, H.S., & So, S.S. (2013). Bicycle Injury Prevention Program in Tuen Mun District. (Project No.: 24100244)

Griffith University Short Term Visiting Research Fellowship 2015

- The Fellowship supports visiting the Urban Research program in 2015 on the theme of "Active Transport, the Elderly and Quality of Life".

The University of Birmingham Institute of Advanced Study (IAS) Distinguished Visiting Fellowship 2015

- The Fellowship supports visiting the University of Birmingham as a **Distinguished Visiting Fellow (DVF)** on the theme of "Infrastructure and Urban Transformation".

The University of Oxford Fellowship 2013 & Distinguished Visiting Scholar

- The Fellowship is part of the scheme of the Association of Commonwealth Universities (ACU) Titular Fellowships. It is a prestigious and competitive award to support staff from member institutions to spend time in another member institution outside their own country.

The Most Outstanding Community Partnership Award 2011

- The award honours people who have achieved distinction in health promotion in HK. Achievement is recognized through excellence in health promotion initiatives and impact on public health promotion. Our project on "Development of an Integrated Traffic Injury Database in Kwai Tsing" (Project No. 21070504) was by C.B. Chow (PI), J.T.H. Kwong, M. Leung, A.S.F. Lai and myself. The Award was presented at the Health Promotion Symposium 2011.

Outstanding Young Researcher Award 2006

- Supported more than 10 publications

I.11) OTHER INFORMATION ON INTERNATIONAL STANDING AND CONTRIBUTIONS TO KNOWLEDGE IN THE FIELD

1. **Panel Member, Research Assessment Exercise (RAE) 2026, University Grants Committee (UGC), Hong Kong (Social Sciences Panel)**
2. **Referee/Reviewer in Evaluating Research Grants** (Recent five years only)
   - Dutch Research Council (NOW), the Netherlands; Economic & Social Research Council (ESRC), United Kingdom; European Science Foundation, Europe; Marsden Fund, New Zealand; National Natural Science Foundation of China (NSFC); Natural Sciences and Engineering Research Council of Canada; Public Policy Research Fund, HK; Strategic Public Policy Research Fund, HK
3. **Panel Member, European Research Council (ERC), Advanced Grants 2021** (Social Sciences and Humanities Panel on "Institutions, Values, Environment and Space")
4. **Panel Member, ERC, Advanced Grants 2019** (Social Sciences and Humanities Panel on "Institutions, Values, Environment and Space")
5. **Panel Member, ERC, Advanced Grants 2017** (Social Sciences and Humanities Panel on "Institutions, Values, Environment and Space")
6. **Panel Member, ERC, Advanced Grants 2015** (Social Sciences and Humanities Panel on "Environment, Space and Population")
7. **Panel Member, Assessment Panel of the Innovation and Technology Fund for Better Living, Secretary for Innovation and Technology, Hong Kong SAR Government** (05/2017-04/2023)
8. **Chair, Social and Economic Geography Panel, Exploratory Projects in All Scientific Domains (PEX) 2023, Fundação para a Ciência e a Tecnologia, I.P. (FCT), Portugal (2024)** (08/2024-10/2024)
9. **College of Reviewers, European Research Council Portugal (ERC-PT) Pre-Assessment Programme (2023-2027)**

10. **Member, Standing Committee on Statistical and Econometric Methods (AED60), Transportation Research Board (TRB), (US) National Academies of Sciences, Engineering, and Medicine** (15/04/2020-14/04/2026)

11. **Referee for Non-local University Recruitment, Tenure and Promotion**
    - Included the University of Melbourne in Australia; Simon Fraser University in Canada; East China Normal University, Peking University, and Tsinghua University in mainland China; University of Toronto in Canada; Hebrew University in Israel; Oxford University, University of Birmingham and Liverpool University in the UK; the National University of Singapore in Singapore, and the University of Alabama, University of Denver, and John Hopkins University in the USA

12. Member, Expert Advisory Group, Infrastructure Business Models, Valuation and Innovations for Local Delivery (iBUILD) (2013-2017)
    - iBUILD is funded by a £3.5 million grant from EPSRC and ESRC. The programme also benefits from £1.8 million of other support. It is a consortium of three of the UK's leading Universities: Newcastle University, University of Leeds and University of Birmingham.

13. **Reviewer for a wide range of top journals** (other than those that I serve on the Editorial Boards)
    - Included *Nature Communications*, *Communications Earth & Environment*, *Journal of Cleaner Production*, *Transport Reviews*, *Transportation Research Part C-Emerging Technologies*, and *IEEE Transactions on Computational Social Systems*

II) TEACHING

II. 1) TEACHING EXPERIENCE

14. **GEOG7001 Survey and Data Analysis in Transport Studies, Master of Transport Policy and Planning (MTP&P);** *Masters; 1997-1998, except 2013-2014 (co-taught in 2020-2021)*

15. **GEOG3420 Transport and Society (formerly GEOG3411);** *Undergraduate (UG); since 2014-2015, 2012-2013 (GEOG3411), 2010-2011(GEOG3411), 2007-2008 (GEOG2105)*

16. **GEOG3422 Contemporary Urban Transportation Issues;** *UG; since 2020-2021, except 2024-2025 (co-taught in 2020-2021)*

17. **GEOG7103 MTP&P Dissertation (18 credits), MTP&P***; Masters; since 1997-1998*

18. **ARIN7600 Artificial Intelligence Project, Master of Science in Artificial Intelligence, MSc(AI)***; Masters; 2023-2024*

19. **APAI4798, Applied AI Project (12 credits), Bachelor of Arts and Science in Applied Artificial Intelligence, BASc(Applied AI)***; UG; 2023-2024, 2022-2023*

20. **GEOG4002/4 Directed Project in Geography/Urban Governance***; UG; 2022-2023, 2021-2022*

21. **GEOG4003 Honours Dissertation (12 credits)***; UG; 2023-2024, 2022-2023, 2021-2022*

22. **Global Development**; *UG; 1999-2000 to 2016-2017, except 2013-2014)*

23. **Survey and Statistical Techniques in Geography;** *UG; 2006-07, 2005-06, 2003-04, 2002-03, 2001-02, 2000-01, 1999-00*

24. **Geography of Information Technology;** *UG; 2006-07, 2004-05, 2002-03, 2001-02, 2000-01*

25. **Geography of Poverty and Wealth**, *UG; 2011-2012, 2008-09*

26. **Methodological Issues in Geography;** *UG; 2000-01(co-taught)*

27. **Overseas Field Trip;** *UG; 1999-00, 1997-98*

28. **China Studies for Surveying Students;** *UG; 1998-99, 1997-98*

29. **Geography of Global Development;** *UG; 1998-99*

30. **Research Methods in Transport Studies;** *Masters; 2006-2007 to 2018-2019, except 2013-2014*

31. **Quantitative and Computing Techniques;** *UG; 1997-98 (co-taught), 1998-99 (co-taught)*

32. **Transport and Development;** *Postgraduate; 1997-98*

II.2) POSTGRADUATE SUPERVISION

II.2.1) TAUGHT POSTGRADUATES

Becky has supervised **50** taught postgraduate dissertations or projects (12 credits) in the Master of Transport Policy and Planning (MTP&P) (formerly Master of Arts in Transport Policy and Planning),

Master of Science in Artificial Intelligence [MSc(AI)], Master of Arts in China Studies (MAChS) and Master of Geospatial Data Science [MSc(GeoDS) programmes since 1997.

II.2.2) RESEARCH POSTGRADUATES

1. Bieryt, Karolina. Transport geography (Field of Study). **Doctor of Philosophy**, HKU, 08/2030 (expected) (Awardee of Belt and Road Scholarship).
2. Cao, Shijie. Transport research and urban analytics (Field of Study). **Doctor of Philosophy**, HKU, 08/2030 (expected) (Awardee of HKU Presidential PhD Scholarship, HKU-PS, and Hong Kong PhD Fellowship, HKPF)
3. Wei, Xinran. *Sustainable transport* (Field of Study). **Doctor of Philosophy**, HKU, 08/2029 (expected).
4. Zhuge, Bin. *Active transportation* (Field of Study). **Master of Philosophy**, HKU, 08/2027 (expected).
5. Huang, Zhucheng. *Assessing the effects of external events on urban public transport systems* (Field of Study). **Doctor of Philosophy**, HKU, 01/2029 (expected).
6. Li, Xiangyi. *Built environment* (Field of Study). **Doctor of Philosophy**, HKU, 08/2027 (expected).
7. Liang, Yiqing. *Sustainable transport* (Field of Study). **Doctor of Philosophy**, HKU, 08/2027 (expected).
8. Li, Zhixuan. *Technology and place: Rethinking geographical unevenness in a networked world*. **Doctor of Philosophy**, HKU, 08/2026.
9. Wang, Hui. *Towards chrono-urbanism: A multi-scale analysis*. **Doctor of Philosophy**, HKU, 08/2026 (Awardee of Research Postgraduate Student Innovation Award 2025-2026) (Awardee of Sino-British Fellowship Trust Visitorships 2025-2026) (Awardee of the Outstanding Institute of Transport Studies Service Award 2025-2026).
10. Fan, Zhuangyuan. *Transit-Oriented Development as Urban Public Realm: Vibrancy, Diversity, and Safety*. **Doctor of Philosophy**, HKU, 08/2025. (Awardee of HKU Presidential PhD Scholarship, HKU-PS, and Hong Kong PhD Fellowship, HKPF) (Awardee of HKU Foundation Publication Award for Research Postgraduate Students 2024) (Awardee of Dr. Stephen S.F. Hui Prizes in Geography 2024-2025)
11. Lian, Ting. (2024). *Towards a sustainable urban transport system: Applications of spatial analysis and machine learning methods*. **Doctor of Philosophy** Thesis, HKU. (Awardee of Dissertation Year Fellowship)
12. Wong, Wai Man. (2024). *Dynamic spatial data in sustainable smart city*. **Doctor of Philosophy** Thesis, HKU. (Part-time).
13. Zhang, Feiyang. (2023).*The role of urban environment in everyday life: A multi-scale analysis*. **Doctor of Philosophy** Thesis, HKU.
14. Huang, Zhiran. (2023). *Different spatio-temporal dimensions of urban traffic congestion*. **Doctor of Philosophy** Thesis, HKU.
15. Tsoi, Ka Ho. (2021). *Strategic Pathways for sustainable transport: National, regional and local perspectives*. **Doctor of Philosophy** Thesis, HKU. (UPF awardee) (Champion of Esri Young Scholars Award, HK) (Awardee of RGC Postdoctoral Fellowship Scheme)
16. Leung, Yin Kiu. (2020). *Childhood in Hong Kong: Perspectives from children's safety, mobility and wellbeing*. **Doctor of Philosophy** Thesis, HKU.
17. Wang, Bo. (2017). *Geography of the e-society in China*. **Doctor of Philosophy** Thesis, HKU.
18. Yang, Zi. (2016). *Road safety and land use: Different methods in detecting hazardous road locations*. **Doctor of Philosophy** Thesis, HKU.
19. Nichols, Samantha Laura. (2015). *Sustainable transport in Hong Kong: Reshuffling the transport hierarchy based on geographical and trip characteristics variations*. Master of Philosophy Thesis, HKU.
20. Li, Linna. (2014). *The role of railways in sustainable transport: A case study of China*. **Doctor of Philosophy** Thesis, HKU.
21. Wu, Yuhao. (2014). *Motorcycle safety in developing countries: A case study of Maoming, China*. **Doctor of Philosophy** Thesis, HKU.

22. Du Verle, Frederic Daniel. (2013). *Geographical variability of transit-oriented development in Hong Kong*. Master of Philosophy Thesis. HKU.
23. Yao, Shenjun. (2013). *Advances in spatial analysis of traffic crashes: The identification of hazardous road locations*. **Doctor of Philosophy** Thesis, HKU.
24. Lam, Wing Yee Winnie. (2012). *Individual mobility for socially sustainable transport*. **Doctor of Philosophy** Thesis, HKU.
25. Cheng, Hon Ting. (2010). *Understanding rail-based transit-oriented development: The dynamics of metro systems, population and income growth*. Master of Philosophy Thesis, HKU.
26. Chow, Sin Yin Alice. (2010). *Spatial perspective on sustainable transport under population decentralization: A case of Hong Kong*. **Doctor of Philosophy** Thesis, HKU.
27. Chan, Tak Hin Eric. (2009). *A comparative analysis of railway patronage in two metropolitan cities: Hong Kong and New York City*. Master of Philosophy Thesis, HKU. (now completed PhD from the University of Oxford)
28. Tsui, Miu Kuan. (2006). *Pedestrian crashes in commercial and business areas: A case study of Hong Kong*. Master of Philosophy Thesis, HKU.
29. Wong, Yan Ping Agnes. (2003). *The geography of Internet production and consumption in the Asia-Pacific*. Master of Philosophy Thesis, HKU.

In addition to the postgraduates that I supervised, I have served as an Examiner of **36** research postgraduate theses locally and overseas in Australia, Singapore and the Netherlands. I have hosted exchange PhD students Shuchen Liu (supervisor Professor Yacan Wang) from Beijing Jiaotong University (09-12/2025), Eugene Sogbe (supervisor Dr S. Susilawati) from Monash University, Malaysia (01-02/2025) and Romi Satria (supervisor Dr M. Castro) from Universidad Politecnica de Madrid, Spain (09-10/2019).

II.3) CURRICULUM DEVELOPMENT AND TEACHING INNOVATIONS

II.3.1) PEER-REVIEWED COMPETITIVE TEACHING GRANTS

1. Education Bureau, HKSAR Government (Completed)
Project Title: Conducting Spatial Enquiry in the New Senior Secondary Geography Curriculum
Principal Investigator: Becky P.Y. Loo
Award Date: 05/02/2007 (HKD0.44million)

2. University Grants Committee (UGC) Teaching Development Grant (TDG) (Completed)
Project Title: Integrating the Teaching of Transportation and Geographic Information Systems in Hong Kong's Tertiary Education
Principal Investigator: Becky P.Y. Loo
Co-investigators: P.C. Lai, Lin Hui
Award Date: 10/07/2002 (HKD1.47million)

II.4) LEADERSHIP AND SCHOLARSHIP OF TEACHING AND LEARNING

II.4.1) MEMBERSHIP OF COMMITTEES ON TEACHING AND LEARNING

For Membership of Committees on Teaching and Learning at HKU, see Section III.1.

II.4.2) LEADERSHIP IN GEOGRAPHICAL EDUCATION

1. **Chairperson**, Curriculum Development Council (CDC)-Hong Kong Examinations and Assessment Authority (HKEAA) Committee (One Committee) on Geography (Senior Secondary), HKSAR Government (Member 07/2003-08/2015; Chairperson 12/2007-03 & 07/2013-08/2015)

2. Member, Ad Hoc Committee on the Revision of S1-3 Geography Curriculum, Curriculum Development Council, HKSAR Government (since 10/2008)
3. Member, Focus Group (Geography, Junior Secondary PSHE) for the Development of Depository of Curriculum-based Learning and Teaching Resources, Education Bureau, HKSAR Government (since 11/2010)
5. Setter, Sample Papers for the New Secondary School Geography Curriculum in the Hong Kong Diploma of Secondary Education (HKDSE), HKEAA, HKSAR Government (04/2007-03/2008)
6. **Chairperson** and Member, Working Party on the Review of AL Geography Syllabus, HKEAA, HKSAR Government (09/2000-08/2003, Chairperson from 09/2000-08/2002)
7. **Chairperson** and Member, Sixth Form Geography Subject Committee, HKEAA, HKSAR Government (09/2000-08/2003, Chairperson from 09/2000-08/2001 and 09/2002-08/2003)
8. **Chief Examiner**, Hong Kong A-level Geography Examination 2003 Paper I, HKEAA, HKSAR Government (also Co-setter of Papers I & II and Proof-reader of Paper II) (02/2002-08/2003)
9. **Chief Examiner**, Hong Kong A-level Geography Examination 2002 Paper II, HKEAA, HKSAR Government (also Co-setter of Papers I & II, Proof-reader of Paper I and Marker of Paper I) (02/2001-08/2002)
10. Moderator, Hong Kong A-level Geography Examination 2004 Papers I & II, HKEAA, HKSAR Government (02/2003-08/2004)
11. Proof-reader, Hong Kong A-level Geography Examination 2005 Papers I & II, HKEAA, HKSAR Government (02/2004-08/2005)
12. External Advisor/Reviewer, Quality Education Fund (since 01/1998)

II.4.3) LEADERSHIP IN PROFESSIONAL EDUCATION IN TRANSPORT AND LOGISTICS

1. **Chairperson, Quality Assurance Committee, CILTHK** (10/2024-09/2026)(Member: 08/2002-08/2022)
2. Member, **International Membership Accreditation Panel**, CILT International (10/2008-05/2016)
3. **Chairperson**, International Membership Standards Committee, CILT International (08/2012-06/2017)
4. Deputy Education and Training Officer, CILTHK (10/2002-09/2004); Mentor for young members, CILTHK (03/2005-09/2006)
5. Academic Assessor and Member of various Committees in Logistics and Transport Operations programmes of HKU SPACE (various years)

II.5) ACADEMIC QUALIFICATIONS

Doctor of Philosophy

Transport and Regional Development: A Case Study of the Zhujiang Delta under the Open Policy
Supervisors: Prof. C.K. Leung, Prof. V.S.F. Sit
Institution: HKU
Date of Award: 08/1997 (submission); 12/1998 (congregation)

Bachelor of Arts (First Class Honours)

Major in Geography
Minor in Economics
Institution: HKU
Date of Award: 12/1992

Hong Kong A-level Examination (HKALE)

Economics: A
History: A
Geography: A
Use of English: A
School: Queen Elizabeth School

Date of Award: 07/1989

II.6) TEACHING OR STUDY PRIZES AND AWARDS

Personal: Teaching

1. **Loo, Becky P.Y. Outstanding Teaching Award 2008-2009**
Date of Award: 19/12/2008

Personal: Academic Prizes and Awards

1. **Institute of Advanced Study (IAS) Distinguished Visiting Fellowship**, 2015, University of Birmingham
2. Short-term Visiting Research Fellowship, 2015, Griffith University
3. **Association of Commonwealth Universities (ACU) Titular Fellowships,** 2013, ACU
4. **Li Po Chun Postgraduate Scholarship**, 1994-1995, HKU
5. **Swire Scholarship**, 1994-1995, HKU
6. Postgraduate Studentship, 1994-1995, HKU
7. **Sir Edward Youde Memorial Fellowship**, 1993-1994
8. Swire Scholarship, 1993-1994, HKU
9. Postgraduate Studentship, 1993-1994, HKU
10. Sir Edward Youde Memorial Fellowship, 1992-1993
11. Swire Scholarship, 1992-1993, HKU
12. Postgraduate Studentship, 1992-1993, HKU
13. Research Grants for Higher Degree Students, 1992-1993, HKU
14. **Hui Oi Chow Prize in Geography and Geology**, 1991-1992, HKU
15. **Yeung Wing Hong Memorial Prize**, 1988-1989, Queen Elizabeth School
16. **Arthur Hinton Scholarship**, 1988-1989, Queen Elizabeth School
17. Certificate of Merit (Economics), 1988-1989, Queen Elizabeth School
18. Certificate of Merit (Geography), 1988-1989, Queen Elizabeth School
19. Certificate of Merit (History), 1988-1989, Queen Elizabeth School
20. Certificate of Merit (Economics), 1987-1988, Queen Elizabeth School
21. **Academic Award**, 1986-1987, Holy Family Canossian College

III) ADMINISTRATION AND SERVICES

III.1) HKU

1. **Founding Co-Director, Joint Lab on Future Cities (JLFC)** (07/2019-06/2031)
2. **Programme Director, Master of Transport Policy and Planning (MTP&P) programme** (since 09/1997) (formerly of Master of Arts in Transport Policy and Planning, MATPP)
3. **Director, Institute of Transport Studies (ITS)** (07/2014-06/2023)
(Deputy Director 07/2008-06/2014; Member since 10/2000)
4. **Panel Member, Review Panel of the Faculty of Architecture** (04/2022-08/2022)
5. **Panel Member, Review Panel of Centre for Innovation in Construction and Infrastructure Development (CICID)** (04/2022-08/2022)
6. Chair, Research Committee, Department of Geography (09/2025-08/2026) (Chair of Facility Committee 03/2023-08/2023; Chair of Outreach Committee 09/2023-08/2025; Chair of Task Force on Departmental Promotion and Tenure Process (PTP) Guidelines 03/2025)
7. Vice-President, HKU Staff Association (HKUSA) (04/2020-03/2024)
8. Member, Faculty Summative Peer Review Panel of Teaching (09/2023-08/2025)
9. Member, Social Sciences Faculty Human Resource Committee (08/2018-08/2021)
10. Alternate Member, Appeals Panel, Human Resource Policy Committee (02/2020-01/2022)

11. **Head, Department of Geography** (11/2017-10/2020)
12. Member, Human Resource, Promotion and Tenure Committee (HRPTC), Hong Kong Institute for the Humanities and Social Sciences (HKIHSS) (09/2017-04/2020)
13. Chairperson, Hui Oi-Chow Trust Fund Committee of Management (11/2017-10/2020)
14. Member, Executive Board, Centre for Water Technology and Policy (10/2018-09/2019)
15. Member, Advisory Board for the Laboratory of Neuroscience for Education (NfE Lab), Faculty of Education (09/2018-08/2020)
16. Mentor, HKU10, a programme to enhance gender parity in academic leadership at HKU (03/2018-09/2018, the Inaugural cohort)
17. Member, Faculty Curriculum Development Committee, Faculty of Social Sciences (11/2017-10/2020)
18. Member, Faculty Resources Allocation Committee, Faculty of Social Sciences (11/2017-10/2020)
19. Member, Common Core Curriculum Committee (01/2010-06/2016)
20. **Associate Dean, Graduate School** (01/2014-12/2015)
21. Assistant Dean, Graduate School (04/2013-12/2013)
22. **Associate Dean, Faculty of Social Sciences** (07/2008-08/2011)
23. **Deputy Chairperson, Human Research Ethics Committee for Non-clinical Faculties** (HRECNCF) (01/2013-12/2014)
24. Member, Policy Board of Postgraduate Education (01/2014-12/2015)
25. Member, Board for Professional Doctorates (08/2013-03/2015)
26. Leader, "Global Issues" Area of Inquiry (AoI), Common Core Curriculum Committee (01/2010-06/2016)
27. Fellow, Centre of Urban Studies and Urban Planning (CUSUP) (07/2013-06/2016)
28. Member, Social Sciences Promotion and Tenure Panel (PTP)(09/2011-08/2013)
29. **Chairperson, Higher Social Sciences Degrees Committee** (07/2008-08/2011) (Member 07/2007-06/2008)
30. **Chairperson, Faculty Ethics Panel (FEP), Faculty of Social Sciences** (04/2011-08/2011; member since 11/2007)
31. Member, Faculty Curriculum Development Committee (FCDC) (11/2010-08/2011)
32. Member, Faculty Research Committee, Faculty of Social Sciences (11/2007-08/2011)
33. **Chairperson, Faculty Teaching and Learning Quality Committee**, Faculty of Social Sciences (07/2008-12/2008)
34. Member, Departmental Research Committee, Department of Geography (09/1999-08/2025)
35. Honorary Advisor, Master of Arts in Transport Policy and Planning Association (MATPPA) (since 12/2000)

III.2) PUBLIC SERVICE

1. Member, Advisory Committee on Countryside Conservation (ACCC), The Hong Kong SAR Government (07/2025-06/2027) **(Appointment on a personal basis)**
2. Member, Harbourfront Commission, Hong Kong SAR Government (07/2010-06/2027) (Appointment on a personal basis 07/2021-06/2027) **(Appointment on a personal basis)**
3. Member, Common Spatial Data Advisory Committee (CSDAC), Development Bureau, Hong Kong SAR Government (10/2020-09/2026) **(Appointment on a personal basis)**
4. Member, Appeal Tribunal Panel Section 45 of the Buildings Ordinance (Cap. 123), The Hong Kong SAR Government (12/2021-11/2027) **(Appointment on a personal basis)**
5. Member, Aviation Development and Three-runway System Advisory Committee (ADTAC), Hong Kong SAR Government (08/2021-07/2025) **(Appointment on a personal basis)**
6. **Chairperson**, Task Force on Kowloon, Tsuen Wan and Kwai Tsing, Harbourfront Commission, Hong Kong SAR Government (07/2010-06/2025) **(Elected)**

7. Member, Road Safety Research Committee (RSRC) of the Road Safety Council (RSC), Hong Kong SAR Government (06/2003-05/2027)
8. Honorary Advisor, Ocean Park Conservation Foundation (OPCF), Hong Kong (04/2025-03/2028)
9. Member, Trustees of the Ocean Park Conservation Foundation (OPCF), Hong Kong (09/2011-12/2024) **(Appointment on a personal basis)** (Chairperson, OPCF Scientific Committee)
10. Member, Lantau Development Advisory Committee, Hong Kong SAR Government (02/2018-01/2024) **(Appointment on a personal basis)**
11. Member, **Transport Advisory Committee**, Hong Kong SAR Government (10/2013-09/2019) **(Appointment on a personal basis)**
    - In 2014, she served as a member of the Transport Advisory Committee Working Group on the Road Traffic Congestion. Many recommendations in the subsequent "Report on Study of Road Traffic Congestion" have been accepted by Hong Kong SAR Government.
12. Member, **Road Safety Council**, Hong Kong SAR Government (08/2013-07/2019)
13. Member, Assessment Panel on Personal, Social and Humanities Education Key Learning Area, Chief Executive's Award for Teaching Excellence (CEATE), Hong Kong SAR Government (2018/2019) (08/2018-12/2019)
14. Member, Expert Group on Capacity to Receive Visitors and Green Transport for Lantau, Hong Kong SAR Government (07/2018-10/2022) **(Appointment on a personal basis)**
15. **Chairperson**, Transport Complaints Unit, Transport Advisory Committee, Hong Kong SAR Government (01/2018-09/2019) (Member: 11/2013-12/2017)
16. Member, Education Committee, The Ocean Park Corporation (OPC) (08/2012-06/2021) (Chairperson, Education Advisory Committee, 07/2014-06/2017)
17. Member, **Air Transport Licensing Authority (ATLA)**, Hong Kong SAR Government (08/2012-07/2018) **(Appointment on a personal basis)**
    - In 2015, she served as a member of ATLA's **Public Inquiry** with regard to an application for air licence in HK.
18. **Member, Board of Directors, The Ocean Park Corporation (OPC)** (07/2011-06/2017) **(Appointment on a personal basis)**
19. Member, Logistics Industry Training Advisory Committee, Qualifications Framework, Education Bureau, Hong Kong SAR Government (5/2012-12/2015) **(Appointment on a personal basis)**

For Government Appointments Related to *Curriculum Design and Assessment*, see Section II.4.2.

III.3) SERVICE TO THE PROFESSION/COMMUNITY

1. Second Vice-President, Hong Kong Society for Transportation Studies (HKSTS) (since 04/2019)
   - Honorary Secretary (06/2011-03/2019); Honorary Deputy Treasurer (since 05/2006); Board Member (since 01/2004)
2. Member, Advisory Committee, Citybus Academy (12/2026-)
3. Member, Committee on Accessible Transport and Travel, **The Hong Kong Society for Rehabilitation** (06/2018-11/2027)
4. Vice Chairperson, Digital Twins and Future Cities Committee, China Society for Urban Studies 中國城市科學研究會數字孿生與未來城市專業委員會副主任 (05/2022-10/2026)
5. Member, Technical Committee, Provincial Engineering Laboratory of Smart City Design Simulation & Visualization, Jiangsu 江蘇省智慧城市設計模擬與視覺化技術工程實驗室技術委員會委員 (10/2019-10/2024)
6. Member, Data Governance Think Tank of Hong Kong Science and Technology Parks Corporation (HKSTP) (03/2023-02/2025)
7. Member, Work Group on Adoption of Green Vehicles in Accessible Transport and Travel Division, Accessible Transport and Travel Committee, The Hong Kong Society for Rehabilitation (10/2022-05/2024)
8. Member, HKTaxi Industry Innovation Committee (06/2022-05/2023)
9. **President**, CILTHK (CILTHK) (10/2012-09/2014)
   - **Vice-President (10/2008-08/2012)**; Immediate Past President (10/2014-09/2016)

10. **Council Member, CILTHK (CILTHK)** (10/2024-09/2026; 10/2002-09/2022)
    - Chairperson of Quality Assurance Committee (Member: 10/2008-09/2022); Chairperson, Membership Committee (10/2004-09/2008)
11. **International Vice-President, The Chartered Institute of Logistics and Transport (CILT International)** (06/2012-05/2016)
    - CILT is the leading professional body associated with logistics and transport. With over 33,000 members working in over 100 countries worldwide, CILT holds unparalleled professional international recognition. Established in 1919 and receiving its Royal Charter in 1926, the Institute has an exciting history, but is always adapting to stay consistent with current logistics and transport issues. The Institute's Patron is Her Majesty Queen Elizabeth II.
12. **Chairperson**, Hong Kong Section, International Geographical Union (03/2005-2/2009)
13. **Chairperson**, Hong Kong Geographical Association (HKGA) (03/2005-02/2007; 03/2007-02/2009) (Honorary Treasurer 03/2003-02/2005; Honorary Secretary 03/2001-02/2003)
14. Jury Member, **Global Schindler Award 2015**
    - The GSA is a partnership between the Schindler Group and the ETH Zurich along with its Future Cities Laboratory (FCL), led by Prof. Kees Christiaanse. With over €150,000 in prizes, the Global Schindler Award is a significant new platform for generating ideas about contemporary urbanism.
15. Panel Member, **Graduate School Review, Hong Kong University of Education** (12/2015-01/2016)
16. Member, International Steering Committee, International Geospatial Health Research Network
17. Member, Committee on Injury Prevention and Control, Chinese Preventive Medicine Association (CPMA) (11/2009-10/2014)
18. **Vice Chairperson**, Transport and Geography Commission (C12.38) International Geographical Union (03/2012-02/2016)
19. Honorary Secretary, Geography of Information Society Commission (C10), International Geographical Union (08/2008-04/2013) (Steering Committee Member since 07/2003)
20. Member, International Scientific Committee, Eastern Asian Society for Transportation Studies (EASTS) (08/2008-08/2014)
21. Fellow, Geographical/Land Information System Research Centre (GISRC) (since 03/1999)
22. Member, Advisory Committee, Shipping Research Centre (SRC), The Hong Kong Polytechnic University
23. Member, Swire Scholars Association (since 09/1998)

Apart from the above major professional services, Becky Loo has been engaged in various community services and served as the Advisor and/or Member of various Judgement Panels. Some recent ones include the Harbourfront Public Furniture Competition Selection Panel 2021, the 2019 International Symposium on STEM Education Awards, 2018 Esri Young Scholars Award, Hong Kong U-21 Internet of Things (IoT) Awards 2014, the CILT Award (2014) (Chairperson), the Michelin Second Road Safety Awareness Recitation and Tongue Twisters Competition, and the Hong Kong RFID Awards (2013).

III.4) BRIEF EMPLOYMENT HISTORY

1. **Professor, The University of Hong Kong (HKU), Hong Kong, China (07/2009-Present)**
   - Department of Geography, HKU
2. **Distinguished Professor (特聘教授), Liaoning Normal University (遼寧師範大學), China (05/2025-04/2028)**
   - Institute of Marine Sustainable Development (**海洋可持續發展研究院**)
3. **Honorary Professor, University College London (UCL), United Kingdom (12/2020-11/2025)**
   - Department of Civil, Environmental & Geomatic Engineering
4. **Honorary Professor, Beijing Jiaotong University (北京交通大學), China (12/2022-11/2025)**
   - School of Economics and Management (經濟管理學院)
5. **Chang Jiang Scholar, Chair Professor, Ministry of Education, China (長江學者講座教授) at Jiangxi Normal University (江西師範大學) (04/2021-03/2024)**
   - School of Geography and Environment (地理與環境學院)
6. **Researcher, HKU Shenzhen Institute of Research and Innovation, China** (香港大學深圳研究院特聘研究員) **(since 03/2016)**

7. **Visiting Professor, UCL, United Kingdom (12/2019-01/2020)**
   - Department of Civil, Environmental & Geomatic Engineering
8. **Visiting Professor, The Chinese Academy of Sciences (CAS), China (03/2017-02/2018)**
   - Institute of Geographic Sciences and Natural Resources Research (中國科學院地理科學與資源研究所客座研究員)
9. **Visiting Research Fellow, Griffith University, Australia (07/2015-08/2015)**
   - Urban Research Program, Griffith University, Australia (22/07-21/08/2015)
   - Fully funded by the Griffith University Short Term Visiting Research Fellowship
10. **Distinguished Visiting Fellow, University of Birmingham, United Kingdom (06/2015)**
    - Institute of Advanced Studies, University of Birmingham, Birmingham, UK (01-30/06/2015)
    - Fully funded by the Institute of Advanced Studies
11. **Visiting Professor, University of Montreal, Canada (08/2014)**
    - Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation (CIRRELT)
    - Fully funded by CIRRELT and the "China Mobility 2030" Project of CBMM
12. **Visiting Professor, Pontificia Universidad Catolica de Chile, Chile (03/2014-04/2014)**
    - School of Engineering, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile (31/03-18/04/2014)
    - Fully funded by the School of Engineering, PUC and the "China Mobility 2030" Project of CBMM
13. **Distinguished Visiting Scholar (DVS), Oxford University, UK (02/2014-03/2014)**
    - School of Geography and the Environment, The University of Oxford (17/02-17/03/2014)
    - Fully funded by the ACU University of Oxford Fellowship and the "China Mobility 2030" Project of CBMM
14. Associate Professor, HKU, Hong Kong, China (12/2002-06/2009)
    - Department of Geography, HKU
15. Assistant Professor, HKU, Hong Kong, China (09/1998-11/2002)
    - Department of Geography, HKU
16. Temporary Full-time Assistant Professor, HKU, HK, China (09/1997-08/1998)
    - Department of Geography and Geology, HKU
17. Full-time Demonstrator, HKU, HK, China (07/1995-06/1997)
    - Department of Geography and Geology, HKU

III.5) HONOURS AND AWARDS RELATED TO SERVICES

1. **Justice of Peace (JP) (10/2020)**
   - An important appointment by the Chief Executive of the Hong Kong SAR Government not only in recognition of her outstanding contribution to the community, but also in anticipation of her continued service to HK. A main function of JP is to visit custodial and other institutions to ensure their effective management and that no individual is unfairly treated or deprived of his or her rights.
   - Conducted JP visits to Bauhinia House, Chi Lan Rehabilitation Centre, Custodial Ward of Queen Elizabeth Hospital, Hei Ling Chau Correctional Institution, Lai Chi Kok Reception Centre, Lai King Correctional Institution, Lo Wu Correctional Institution, Nei Kwu Correctional Institution, Tai Lam Centre for Women and Wai Lan Rehabilitation Centre.
2. **CILTHK President Award 2017** (09/2017)
   - The CILTHK President Award 2017 has been conferred to Professor Loo in appreciation of her long service and distinguished contributions to the Institute, the industry and the community.
3. **Pegasus Medal 2016** (06/2016)
   - The Pegasus Medal is awarded to an individual who has made meritorious and distinguished service to the Chartered Institute of Logistics and Transport over a period of many years.
4. Long Service Award 2021 (06/2021)
   - An Award by HKU to honour staff serving for 25 years.
5. Directors of the Year Award 2011 (11/2011)
   - Member of the winning team of the Board of Ocean Park Corporation. The Award was given by the HK Institute of Directors.

IV) ME AS A PERSON

I endeavour to support all individuals (especially women and girls) to reach their full potential in making the world a better place. I love teamwork, but I don't mind standing alone for fundamental values.

"Truth, Kindness, Beauty, and Love" (真善美愛) are my core values. I hope to pass these good values, morals and ethics to my three children, students, friends and people around me.

I love and practise various forms of art, notably Chinese calligraphy, pottery, wood/bamboo carving and paper cutting. My art pieces have been shown in various public exhibitions in Hong Kong, Japan, Macau and mainland Chinese cities like Beijing and Tianjin. In relation, I am a member of China Hard-Pen Calligraphy Association (中國硬筆書法協會) and the Chinese Character Carving Society of Hong Kong (香港藝術刻字協會). I am an Academic Advisor (學術指導) and a member of China Hong Kong Female Calligraphers Association (香港女書法家協會). In 2023, I was awarded the 30th Anniversary China Calligrapher Association "Distinguished Individual" (先進個人) honour. In 2024, I was appointed Council Member (理事) of the Hong Kong Calligraphy Association (香港大書法協會) and Vice-Chairperson (副會長) of the Female Artists Chapter (女藝術家分會). In 2025, I was appointed Honorary Council Member of the China Hard-Pen Calligraphy Association (national level) (中國硬筆書法協會第七屆榮譽理事)。

I do not have a religion. I have been educated in Catholic schools from kindergarten to high school. I have obtained Grade A in Religious Studies at the public examinations of the Hong Kong Certificate of Education Examinations (HKCEE). Since an early age, I have been exposed to Buddhism as a religion. I have been studying Buddhism as a philosophy for about 15 years. More recently, I have explored Buddhism as a practice, completing a five-month online course.

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