

CURRICULUM VITAE

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I) Research

Becky's research can broadly be classified into four major directions: **(i)** transit, walkability, travel behaviour, and urban forms; **(ii)** road safety, health and spatial analysis, **(iii)** sustainability, regional development, and transport decarbonisation, and **(iv)** smart cities and data analytics.

Notes:

IF₂₀₂₂ refers to the latest Clarivate Web of Science Journal Citation Reports Impact Factor. It refers to SSCI, unless otherwise specified.

♣ means Top 10% in the respective subject category of Clarivate Web of Science Journal Citation Report. When a journal belongs to more than one category, only the highest category is listed. All relevant categories are listed at the end of Section I.1.

● means "Representative"

Names of students/former students are typed in italics

* denotes corresponding author

I.1) SCHOLARLY BOOKS AND MONOGRAPHS

1. **Loo, Becky P.Y.** (2018) *Unsustainable Transport and Transition in China*. London and New York: Routledge (ISBN 9781138934511). [Reviews](#). [Discount Flyer](#). ● (iii)
2. **Loo, Becky P.Y.** and Tessa Kate Anderson. (2016) *Spatial Analysis Methods of Road Traffic Collisions*. Boca Raton: CRC Press (ISBN 9781439874127 - CAT# K13435). [Reviews](#). (ii)
3. **Loo, Becky P.Y.** and Claude Comtois, Editors. (2015) *Sustainable Railway Futures: Issues and Challenges*. Surrey: Ashgate (ISBN 978-1-4094-5244-7). [Reviews](#). (iii)
4. **Loo, Becky P.Y.** (2012) *The E-society*. New York: Nova Science (ISBN 978-1-61209-831-9). [Reviews](#). (iv)
- 5-9. **Loo, Becky P.Y.**, P.C. Lai and Hui Lin (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) (ii)

I.2) JOURNAL ARTICLES AND BOOK CHAPTERS

2023 and Online First

10. Chu, Kai-Fung, Albert Y.S. Lam, Ka Ho Tsoi, Zhiran Huang and **Becky P.Y. Loo** (2023) "Deep encoder cross network for estimated time of arrival." *IEEE Access* 11: 76095-76107 [DOI: 10.1109/ACCESS.2023.3294345](#) (IF₂₀₂₂/SCIE=3.9) [Q2; 63.8%²⁹] (Open access) (i + iv)
11. *Fan, Zhuangyuan*, Fan Zhang*, **Becky P.Y. Loo** and Carlo Ratti (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](https://doi.org/10.1073/pnas.2220417120) (IF₂₀₂₂/SCIE=11.1) [Q1; 89.70%²⁰] ♣ (Open Access) (iv)
12. Guo, Chunyu, Kevin Lanza, Dongying Li, Yuyu Zhou, Kristin Aunan, **Becky P.Y. Loo**, Jason Lee, Bin Luo, Xiaoli Duan, Wangjian Zhang, Zhengjun Zhang, Shao Lin and Kai Zhang* (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](https://doi.org/10.1016/j.envres.2023.115453) (IF₂₀₂₂/SCIE=8.3) [Q1; 92.5%¹⁷] ♣ (ii)
13. Huang, Zhiran and **Becky P.Y. Loo*** (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](https://doi.org/10.1016/j.scs.2023.104858) (IF₂₀₂₂/SCIE=11.7) [Q1; 99.3%¹⁸] ♣ (i + iv)
14. Huang, Zhiran and **Becky P.Y. Loo*** (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](https://doi.org/10.1080/15568318.2022.2076633) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] ● (i + iv)
15. Huang, Zhiran*, **Becky P.Y. Loo** and Kay W. Axhausen (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](https://doi.org/10.1016/j.tbs.2022.09.006) (IF₂₀₂₂=5.2) [Q2; 68.9%¹⁰] (Open Access) (i)
16. Lian, Ting, **Becky P.Y. Loo*** and Zhuangyuan Fan (Online First) "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* (IF₂₀₂₂=6.8) [Q1; 93.6%⁶] ♣ (ii + iv)
17. **Loo, Becky P.Y.**, Xiangyi Li* and Rosana R.M. Wong (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](https://doi.org/10.1016/j.jclepro.2023.139303) (IF₂₀₂₂/SCIE=11.1) [Q1; 92.2%³] ♣ (iii)
18. **Loo, Becky P.Y.** and Zhuanyuan Fan* (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](https://doi.org/10.1177/23998083231160549) (IF₂₀₂₂=3.5) [Q2; 72.7%⁶] (iv)
19. **Loo, Becky P.Y.**, Zhuanyuan Fan*, Ting Lian and Feiyang Zhang (2023) "Using computer vision and machine learning to improve bus safety" *Accident Analysis and Prevention* 185: 107017. DOI: [10.1016/j.aap.2023.107017](https://doi.org/10.1016/j.aap.2023.107017) (IF₂₀₂₂=5.9) [Q1; 97.7%⁹] (Open Access) ♣ (ii)
20. **Loo, Becky P.Y.** and Zhiran Huang* (2023) "Location matters: High-speed railway (HSR) stations in city evolution." *Cities* 139: 104380. DOI: [10.1016/j.cities.2023.104380](https://doi.org/10.1016/j.cities.2023.104380) (IF₂₀₂₂=6.7) [Q1; 94.2%¹³] ♣ (Open Access) (i + iii)
21. **Loo, Becky P.Y.**, Linna Li* and Anil Namdeo (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](https://doi.org/10.1016/j.trd.2023.103895) (IF₂₀₂₂/SCIE&SSCI=7.6) [Q1; 88.6%³] (Open Access) ● (iii)
22. **Loo, Becky P.Y.**, Ka Ho Tsoi*, Kay W. Axhausen, Mengqiu Cao, Yongsung Lee and Keumseok Peter Koh (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](https://doi.org/10.3389/fpubh.2023.1128889) (IF₂₀₂₂/SCIE&SSCI=5.2) [Q1; 86.4%¹⁷] ● (Open Access) (iv)
23. **Loo, Becky P.Y.** and Rosana W.M. Wong* (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](https://doi.org/10.3390/buildings13020372) (IF₂₀₂₂/SCIE=3.8) [Q2; 67.3%¹⁴] (Open Access) (iii + iv)
24. Tsoi, Ka Ho and **Becky P.Y. Loo*** (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](https://doi.org/10.1016/j.trd.2023.103833) (IF₂₀₂₂/SCIE&SSCI=7.6) [Q1; 88.6%³] (Open Access) ● (i)
25. Ka Ho Tsoi, **Becky P.Y. Loo***, Xiangyi Li and Kai Zhang (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](https://doi.org/10.1016/j.envint.2023.108116) (IF₂₀₂₂/SCIE=11.8) [Q1; 94%³] (Open Access) ● (iii)
26. Wang, Hui, Jinyang Li, Pengling Wang, Jing Teng* and **Becky P.Y. Loo** (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](https://doi.org/10.1080/01441647.2023.2165574) (IF₂₀₂₂=9.8) [Q1; 90.5%¹⁰] ♣ (i)

27. Zhang, Feiyang and **Becky P.Y. Loo*** (Online First) “Open space dynamics during coronavirus disease-2019.” *Proceedings of the Institution of Civil Engineers-Municipal Engineer* (accepted). (IF_{2022/SCIE}=1.3) [Q4; 15.5%¹⁴] (iv)
28. Zhang, Feiyang, **Becky P.Y. Loo***, Hui Lan, Antoni Chan and Janet H. Hsiao (Online First) “Jobs-housing balance and travel patterns among different occupations as revealed by Hidden Markov mixture models: the case of Hong Kong.” *Transportation*. DOI: [10.1007/s11116-023-10390-4](https://doi.org/10.1007/s11116-023-10390-4) (IF_{2022/SCIE&SSCI}=4.3) [Q1; 79.6%¹⁴] (i)

2022

29. Fan, Zhuangyuan, Fan Zhang and **Becky P.Y. Loo*** (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](https://doi.org/10.1109/TITS.2021.3115103) (IF_{2022/SCIE}=8.5) [Q1; 97.5%¹⁴] ♣ (i + iv)
30. Hess, S.* , E. Lancsar, P. Mariel, J. Meyerhoff, F. Song, E. van den Broek-Altenburg, O.A. Alaba, G. Amaris, J. Arellana, L.J. Basso, J. Benson, L. Bravo-Moncayo, O. Chanel, S. Choi, R. Crastes, H.B. Cybis, Z. Dorner, P. Falco, L. Garzón-Pérez, K. Glass, L.A. Guzman, Z. Huang, E. Huynh, B. Kim, A. Konstantinus, I. Konstantinus, A.M. Larranaga, A. Longo, **B.P.Y. Loo**, H.T. Moyo, M. Oehlmann, V. O’Neill, J. de Dios Ortúzar, M.J. Sanz Sánchez, O.L. Sarmiento, S. Tucker, Y. Wang, Y. Wang, E.J.D. Webb, J. Zhang, and M. Zuidgeest (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](https://doi.org/10.1016/j.socscimed.2022.114800) (IF_{2022/SCIE&SSCI}=5.4) [Q1; 96.7%¹⁹] (Open Access) ♣ (ii)
31. Jones, Peter, **Becky P.Y. Loo*** and Pengjun Zhao (2022) “Cities for people: Reclaiming the city.” *Journal of Transport Geography* 105: 103486. DOI: [10.1016/j.jtrangeo.2022.103486](https://doi.org/10.1016/j.jtrangeo.2022.103486) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ♣ (i)
32. Koh, Keumseok*, Ka Chung Tang, Kay Axhausen, and **Becky P.Y. Loo** (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](https://doi.org/10.1016/j.ijid.2022.06.042) (IF_{2022/SCIE}=8.4) [Q1; 87.0%⁹] (ii + iv)
33. **Loo, Becky P.Y.*** and Kay Axhausen (2022) “Getting out of energy-intensive and “dirty” transport.” *Innovation* 3(6): 100339. DOI:[10.1016/j.xinn.2022.100339](https://doi.org/10.1016/j.xinn.2022.100339) (IF_{2022/SCIE}=32.1) [Q1; 96.62%²⁶] ♣ ● (Open Access) (iii)
34. **Loo, Becky P.Y.** and *Zhiran Huang** (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](https://doi.org/10.1016/j.cities.2022.103610) (IF₂₀₂₂=6.7) [Q1; 94.2%¹³] ♣ (Open Access) (i)
35. **Loo, Becky P.Y.** and *Ka Ho Tsoi** (2022) “Road safety strategies necessary in the second Decade of Road Safety.” *Journal of Global Health* 12: 03081. DOI: [10.7189/jogh.12.03081](https://doi.org/10.7189/jogh.12.03081) (IF_{2022/SCIE&SSCI}=7.2) [Q1; 93.1%¹⁷] ♣ ● (Open Access) (ii)
36. *Tsoi, Ka Ho* and **Becky P.Y. Loo*** (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](https://doi.org/10.1680/jmuen.21.00026) (IF_{2022/SCIE}=1.3) [Q4; 15.5%¹⁴] (iv)
37. *Tsoi, Ka Ho*, **Becky P.Y. Loo***, Gil Tal and Daniel Sperling (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](https://doi.org/10.1016/j.jclepro.2021.129866) (IF_{2022/SCIE}=11.1) [Q1; 92.2%³] ♣ ● (Open Access) (iii)
38. *Wang, Bo*, **Becky P.Y. Loo*** and Gengzhi Huang (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](https://doi.org/10.1080/10630732.2021.1962695) (IF₂₀₂₂=4.8) [Q1; 84.9%¹³] (iv)
39. *Wong, Rosana W.M.* and **Becky P.Y. Loo*** (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](https://doi.org/10.1016/j.jclepro.2022.134486) (IF_{2022/SCIE}=11.1) [Q1; 92.2%³] ♣ ● (Open Access) (iii)
40. Yan, Wei, S.C. Wong, **Becky P.Y. Loo**, *Connor Y.H. Wu*, Helai Huang, Xin Peng and Fanyu Meng* (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](https://doi.org/10.1016/j.jsr.2022.04.001) (IF₂₀₂₂=4.1) [Q1; 89.5%⁹] (ii)

41. Zhang, Feiyang, **Becky P.Y. Loo*** and Bo Wang (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 (IF₂₀₂₂=3.9) [Q1; 79.7%⁶] (i + ii)

2021

42. Fan, Zhuangyuan and **Becky P.Y. Loo*** (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 (Open Access) (i + iv)
43. Lam, Yun Fat*, Jeffrey M.H. Chang, **Becky P.Y. Loo**, Hongsheng Zhang, Kenneth K.M. Leung and Kay Axhausen (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 (IF₂₀₂₂/SCIE=2.9) [Q3; 42.2%³] (Open Access) (i)
44. Leung, Kevin Y.K.*, **Becky P.Y. Loo**, K.L. Tsui, F.L. So and Ellen Fok (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 (IF₂₀₂₂/SCIE&SSCI=6.4) [Q1; 91.4%³] ♣ (ii)
45. **Loo, Becky P.Y.*** (2021) "Walking towards a happy city." *Journal of Transport Geography* 93: 103078. DOI: 10.1016/j.jtrangeo.2021.103078 (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ♣ (Open Access) (i)
46. **Loo, Becky P.Y.** and **Zhiran Huang*** (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 (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ♣ (iv)
47. **Loo, Becky P.Y.** Ka Ho Tsoi, Paulina P.Y. Wong and Poh Chin Lai* (2021) "Identification of superspreading environment under COVID-19 through human mobility data." *Scientific Reports* 11, 4699. DOI: 10.1038/s41598-021-84089-w (IF₂₀₂₂/SCIE=4.6) [Q2; 70.5%²⁰] (Open Access) (ii + iv)
48. **Loo, Becky P.Y.***, Feiyang Zhang, Janet H Hsiao, Antoni B. Chan and Hui Lan (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 (IF₂₀₂₂=3.4) [Q2; 50.9%³] (i + iv)
49. Olsen, Jonathan R. *, Kevin Y.K. Leung, Natalie Nicholls and **Becky P.Y. Loo** (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 (IF₂₀₂₂=2.3) [Q3; 44.8%⁶] (Open Access) (i + ii)
50. Swift, Anthony, Long Cheng*, **Becky P.Y. Loo**, Mengqiu Cao and Frank Witlox (2021) "Step-free railway station access in the UK: The true value of inclusive design." *European Transport Research Review* 13: 45. DOI: 10.1186/s12544-021-00504-3 (IF₂₀₂₂/SCIE&SSCI=4.3) [Q2; 63.7%¹¹] (Open Access) (i)
51. Tsoi, Ka Ho, **Becky P.Y. Loo*** and David Banister (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 (IF₂₀₂₁/SCIE&SSCI=8.9) [Q1; 97.1%⁶] ♣ (iii)
52. Tsoi, Ka Ho and **Becky P.Y. Loo*** (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 (IF₂₀₂₂/SCIE&SSCI=6.4) [Q1; 91.4%³] ♣ (i + iii)
53. Tsoi, Ka Ho and **Becky P.Y. Loo*** (2021) "Public transport and the environment." In *The Routledge Handbook of Public Transport*. Edited by Corinne Mulley, John Nelson and Stephen Ison. London and New York: Routledge, pp. 93-106. (i + iii)
54. Zhang, Feiyang and **Becky P.Y. Loo*** (2021) "Transport demand management." In *International Encyclopedia of Transportation*, volume 4, Edited by Roger W. Vickerman. UK: Elsevier, pp. 537-543. DOI: 10.1016/B978-0-08-102671-7.10380-X (i)
55. Zhang, Hongsheng, Yinyi Lin, Shan Wei, **Becky P.Y. Loo**, P.C. Lai, Yun Fat Lam*, Luoma Wan and Yu Li (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 (IF₂₀₂₂/SCIE=9.8) [Q1; 90.7%³] ♣ (Open Access) (i + ii)

2020

56. Lam, Winnie W.Y., **Becky P.Y. Loo*** and Rathi Mahendran (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 (IF₂₀₂₂/SCIE&SSCI=4.9) [Q1; 83.1%¹⁷] (Open Access) (i + ii)

57. *Leung, Kevin Y.K.* * and **Becky P.Y. Loo** (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](https://doi.org/10.1016/j.tbs.2020.05.009) (IF₂₀₂₂=5.2) [Q2; 68.9%¹⁰] (i)
58. **Loo, Becky P.Y.** (2020) “Transport, Urban”. In: *International Encyclopedia of Human Geography*, Second Edition, ed. Kobayashi, A. (Oxford: Elsevier), vol. 13, pp. 457–462. <https://dx.doi.org/10.1016/B978-0-08-102295-5.10352-X>. ISBN: 9780081022955 (i)
59. **Loo, Becky P.Y.**, *Kevin Y.K. Leung** and Fasi C.H. Chan (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](https://doi.org/10.1080/15568318.2019.1642971) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] (i + ii)
60. **Loo, Becky P.Y.**, *Ka Ho Tsoi** and David Banister (2020) “Recent experiences and divergent pathways to transport decoupling.” *Journal of Transport Geography* 88: 102826. DOI: [10.1016/j.jtrangeo.2020.102826](https://doi.org/10.1016/j.jtrangeo.2020.102826) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] 🍀🍀 (iii)
61. Satria, Romi, *Ka Ho Tsoi**, Maria Castro and **Becky P.Y. Loo** (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](https://doi.org/10.3390/su12051801) (IF₂₀₂₂/SCIE&SSCI=3.9) [Q2; 62.6%⁴] (Open Access) (i)
62. *Tsoi, Ka Ho* and **Becky P.Y. Loo*** (2020) “Generational change and travel” in *Handbook of Sustainable Transport*. Edited by Carey Curtis. Edward Elgar, pp. 357-367. (i)
63. *Wang, Bo*, **Becky P.Y. Loo***, Feng Zhen and Guangliang Xi (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](https://doi.org/10.1016/j.cities.2020.102884) (IF₂₀₂₂=6.7) [Q1; 94.2%¹³] 🍀🍀 (Open Access) (iv)
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93. **Loo, Becky P.Y.***, Winnie W.Y. Lam, Rathi Mehandran, and Keiko Katagiri (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](https://doi.org/10.1080/24694452.2016.1271306) (IF₂₀₂₁=3.982) [Q1; 78.24%⁶] (Open Access) 🌺 (i + ii)
94. **Loo, Becky P.Y.*** and Kevin Y.K. Leung (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](https://doi.org/10.1016/j.tra.2017.09.003) (IF₂₀₂₂/SCIE&SSCI=6.4) [Q1; 91.4%³] 🌱 🌺 (i)
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99. Li, Linna* and **Becky P.Y. Loo** (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](https://doi.org/10.1080/15568318.2016.1149647) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] (iii)
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101. Li, Linna and **Becky P.Y. Loo*** (2016) "中國客運交通的碳排放地理特徵與展望" (Carbon dioxide emissions from urban transport in China: Geographical characteristics and future challenges) *地理研究 (Geographical Research)* 25(7): 1230-1242. DOI: [10.11821/dlyj201607002](https://doi.org/10.11821/dlyj201607002) (SSCI; IF=3.824) (iii)
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103. **Loo, B.P.Y.*** and K.L. Tsui (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. PDF (IF₂₀₂₁/SCIE=0.529) [Q4; 1.56%²³] (Open Access) (ii)
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106. Yao, Shenjun and **Becky P.Y. Loo*** (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](https://doi.org/10.1136/injuryprev-2016-041964) (IF₂₀₂₂/SCIE&SSCI=3.7) [Q2; 65.8%¹⁷] (Open Access) ● (ii)
107. Yao, Shenjun, **Becky P.Y. Loo*** and Bruce Zi Yang (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](https://doi.org/10.1080/19475683.2015.1085440) (IF₂₀₂₂=5.0) [Q1; 86.51%²⁷] (ii)

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2014

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116. Lam, Winnie W.Y.*, Shenjun Yao and **Becky P.Y. Loo** (2014) "Pedestrian exposure measures: A time-space framework." *Travel Behaviour and Society* 1(1): 22-30. DOI: [10.1016/j.tbs.2013.10.004](https://doi.org/10.1016/j.tbs.2013.10.004) (IF₂₀₂₂=5.2) [Q2; 68.9%¹⁰] ● (ii)
117. Li, Linna and **Becky P.Y. Loo*** (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](https://doi.org/10.1007/s40518-014-0005-6) (iii)
118. **Loo, Becky P.Y.***, Linna Li, Voula Psaraki and Ioanna Pagoni (2014) "CO₂ 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](https://doi.org/10.1016/j.jtrangeo.2013.12.006) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ♣ ● (iii)

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120. Lam, Winnie W.Y., **Becky P.Y. Loo*** and Shenjun Yao (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: [10.1080/10225706.2012.735436](https://doi.org/10.1080/10225706.2012.735436) (IF₂₀₂₂=0.73) [Q2; 64.37%⁶] (ii)
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analyses.” *Injury Prevention* 19: 58-63. DOI: [10.1136/injuryprev-2012-040400](https://doi.org/10.1136/injuryprev-2012-040400) (IF₂₀₂₂/SCIE&SSCI=3.7) [Q2; 65.8%¹⁷] (ii)

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2012

124. Chen, Cynthia*, Haiyun Lin, and Becky P.Y. Loo (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](https://doi.org/10.1007/s11524-011-9629-7) (IF₂₀₂₂/SCIE=6.6) [Q1; 86.2%²⁴] (ii)

125. Loo, Becky P.Y.* and Winnie W.Y. Lam (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](https://doi.org/10.1068/b36146) (Renamed as *Environment and Planning B-Urban Analytics and City Science*) (IF₂₀₂₂=3.5) [Q2; 72.7%⁶] ● (i)

126. Loo, Becky P.Y.* and Linna Li (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](https://doi.org/10.1016/j.enpol.2012.07.044) (IF₂₀₂₂/SCIE&SSCI=9.0) [Q1; 98.0%²] ♣ ● (iii)

127. Loo, Becky P.Y.* and Y.L. Ngan (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](https://doi.org/10.1016/j.telpol.2012.07.015) (IF₂₀₂₂=5.6) [Q1; 91.1%²²] ♣ (iv)

128. Loo, Becky P.Y.* and Shenjun Yao (2012) “Geographical information systems.” In: *Injury Research: Theories, Methods, and Approaches*, ed. Guohua Li and Susan P. Baker (New York: Springer), pp. 447-463. (ii)

129. Wong, S.C., N.N. Sze*, Becky P.Y. Loo, Alice S.Y. Chow, H.K. Lo and W.T. Hung (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](https://doi.org/10.1061/(ASCE)TE.1943-5436.0000433) (Renamed as *Journal of Transportation Engineering Part A-Systems*) (IF₂₀₂₂/SCIE=1.520) [Q3; 42.05%¹⁴] (ii)

130. Yao, Shenjun and Becky P.Y. Loo* (2012) “Identification of hazardous road locations for pedestrians.” *Procedia Engineering* 45: 815-823. DOI: [10.1016/j.proeng.2012.08.244](https://doi.org/10.1016/j.proeng.2012.08.244) (ii)

2011

131. Hau, Timothy D.*, Becky P.Y. Loo, K.I. Wong and S.C. Wong (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](https://doi.org/10.1142/S0217590811004432) (IF₂₀₂₂=1.8) [Q3; 42.0%²] (i)

132. Loo, Becky P.Y.*, W.S. Cheung and Shenjun Yao (2011) “The rural-urban divide in road safety: The case of China.” *The Open Transportation Journal* 5: 9-20. DOI: [10.2174/1874447801105010009](https://doi.org/10.2174/1874447801105010009) (ii)

133. Loo, Becky P.Y.* and Alice S.Y. Chow (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](https://doi.org/10.1016/j.jtrangeo.2010.06.004) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ♣ ● (i)

134. Loo, Becky P.Y. and Alice S.Y. Chow* (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](https://doi.org/10.1177/0042098010375319) (IF₂₀₂₂=4.7) [Q1; 82.6%¹³] (i)

135. Loo, Becky P.Y.*, Shenjun Yao, Jianping Wu, Bailang Yu and Haidong Zhong (2011) “基於 GIS 的道路熱區鑒別方法。” (Identification method of road hot zones based on GIS) *交通運輸工程學報 (Journal of Traffic and Transportation Engineering)* (in Chinese) 11(4): 97-102. (ii)

2010

136. Loo, Becky 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](https://doi.org/10.1007/s11116-009-9246-4) (IF₂₀₂₂/SCIE&SSCI=4.3) [Q1; 79.6%¹⁴] (i)

137. Loo, Becky P.Y.* (2010) “Metro systems.” In: *A Dictionary of Transport Analysis*, ed. Kenneth Button, Henry Vega and Peter Nijkamp (Cheltenham: Edward Elgar), pp. 259-261. (i)

138. **Loo, Becky P.Y.***, H.W. Ho, S.C. Wong and Peng Zhang (2010) “Using the continuum equilibrium approach to solve airport competition problems: Computational and application issues.” In: *Computational Models, Software Engineering, and Advanced Technologies in Air Transportation: Next Generation Applications*, ed. W. Li, A.G. de Barros and I.R. de Oliveira (New York: IGI Global), pp. 88-108. [DOI:10.4018/978-1-60566-800-0.ch006](https://doi.org/10.4018/978-1-60566-800-0.ch006) (iii)
139. **Loo, Becky P.Y.***, Cynthia Chen and Eric T.H. Chan (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](https://doi.org/10.1016/j.landurbplan.2010.06.002) (IF₂₀₂₂/SCIE&SSCI=9.1) [Q1; 98.8%¹³] 🍀 🌸 (i)
140. **Loo, Becky P.Y.*** and Amy C.H. Cheng (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](https://doi.org/10.1016/j.cities.2010.02.003). (IF₂₀₂₂=6.7) [Q1; 94.2%¹³] 🍀 🌸 (i)
141. **Loo, Becky P.Y.*** and K.L. Tsui (2010) “Bicycle crash casualties in a highly motorized city.” *Accident Analysis and Prevention* 42: 1902-1907. [DOI:10.1016/j.aap.2010.05.011](https://doi.org/10.1016/j.aap.2010.05.011) (IF₂₀₂₂=5.9) [Q1; 97.7%⁹] 🍀 🌸 (ii)

2009

142. **Loo, Becky P.Y.*** (2009) “Challenges of airports in multi-airport regions (MARs).” In: *Airports: Performance, Risks, and Problems*, ed. P.B. Larauge and M.E. Castille (New York: Nova Science), pp. 189-197. (iii)
143. **Loo, Becky 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](https://doi.org/10.1016/j.habitatint.2008.02.002) (IF₂₀₂₂=6.8) [Q1; 96.5%¹³] 🍀 🌸 (i)
144. **Loo, Becky 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](https://doi.org/10.1080/15568310801915583) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] 🌸 (ii)
145. **Loo, Becky P.Y.*** (2009) “Transport infrastructure: Postal and telecommunication services.” In: *Encyclopaedia of Modern China*, Volume 3, ed. David Pong (Farmington Hills: Gale), pp. 608-609. (i)
146. **Loo, Becky P.Y.*** (2009) “Transport, Urban.” In: *The International Encyclopaedia of Human Geography*, Volume 1, ed. Rob Kitchin and Nigel Thrift (Oxford: Elsevier), pp. 465-469. [DOI:10.1016/B978-008044910-4.01039-7](https://doi.org/10.1016/B978-008044910-4.01039-7) (i)
147. **Loo, Becky P.Y.*** and Alice S.Y. Chow (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](https://doi.org/10.1080/10225706.2009.9684144) (IF₂₀₂₂=0.73) [Q2; 64.37%⁶] (i)
148. **Loo, Becky P.Y.*** and K.L. Tsui (2009) “Pedestrian injuries in an ageing society: Insights from hospital trauma registry.” *Journal of Trauma* 66: 1196-1201. [DOI: 10.1097/TA.0b013e31817fdef6](https://doi.org/10.1097/TA.0b013e31817fdef6) (Renamed as *Journal of Trauma and Acute Care Surgery*, IF₂₀₂₂/SCIE=3.4 [Q2; 81.8%²⁸]). 🌸 (ii)

2008

149. **Loo, Becky 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](https://doi.org/10.1016/j.jtrangeo.2007.05.003) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] 🍀 🌸 (iii)
150. **Loo, Becky P.Y.*** and Alice S.Y. Chow (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](https://doi.org/10.1080/15568310701517331) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] 🌸 (i)
151. **Loo, Becky P.Y.***, S.C. Wong and Timothy D. Hau (2008) “Choice or rank data in stated preference surveys?” *The Open Transportation Journal* 2: 74-79. [DOI:10.2174/1874447800802010074](https://doi.org/10.2174/1874447800802010074) (i)
152. Lyons, Glenn* and **Becky Loo.** (2008) “Transport directions to the future.” In: *Transport Geographies: Mobilities, Flows and Spaces*, ed. Richard Knowles, Jon Shaw and Iain Docherty (Oxford: Blackwell), pp. 215-226. (iii)

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153. **Loo, Becky P.Y.*** (2007) “Strategies of Internet development in the Asia-Pacific region.” *Journal of Urban Technology* 14, no. 1: 3-22. [DOI: 10.1080/10630730701259821](https://doi.org/10.1080/10630730701259821) (IF₂₀₂₂=4.8) [Q1; 84.9%¹³] (iv)
154. **Loo, Becky 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](https://doi.org/10.1007/s11116-006-9111-7) (IF₂₀₂₀=5.192) (IF₂₀₂₂/SCIE&SSCI=4.3) [Q1; 79.6%¹⁴] (i)

155. **Loo, Becky P.Y.***, Betty S.Y. Leung, S.C. Wong and Hai Yang (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](https://doi.org/10.1080/15568310600737600) (IF₂₀₂₂=3.9) [Q2; 62.6%⁴] (i)
156. **Loo, Becky P.Y.*** and K.L. Tsui (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](https://doi.org/10.1136/ip.2006.013458) (IF₂₀₂₂/SCIE&SSCI=3.7) [Q2; 65.8%¹⁷] (ii)
157. **Loo, Becky P.Y.***, S.C. Wong, W.T. Hung and Hong K. Lo (2007) "A Review of the road safety strategy in Hong Kong." *Journal of Advanced Transportation* 41(1): 3-37. DOI: [10.1002/atr.5670410103](https://doi.org/10.1002/atr.5670410103) (IF₂₀₂₂/SCIE=2.3) [Q3; 39.9%¹⁴] (ii)

2006

158. Ho, H. W., S.C. Wong* and **Becky P.Y. Loo** (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](https://doi.org/10.1016/j.trb.2005.09.003) (IF₂₀₂₂/SCIE&SSCI=6.8) [Q1; 93.3%¹⁴] (iii)
159. **Loo, Becky 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](https://doi.org/10.1016/j.aap.2006.02.012) (IF₂₀₂₂=5.9) [Q1; 97.7%⁹] (ii)
160. **Loo, Becky P.Y.*** and S.Y. Chow (2006) "China's 1994 tax-sharing reforms: One system, differential impact." *Asian Survey* 46(2): 215-237. Document URL (IF₂₀₂₂=0.9) [Q3; 45.8%¹] (iii)
161. **Loo, Becky P.Y.*** and S.Y. Chow (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\(76\)](https://doi.org/10.1061/(ASCE)0733-9488(2006)132:2(76)) (Renamed as *Journal of Urban Planning and Development*) (IF₂₀₂₂=2.5) [Q3; 46.4%¹⁴] (iii)
162. **Loo, Becky P.Y.*** and Dennis Y.N. Li (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](https://doi.org/10.1007/s11116-005-3046-2) (IF₂₀₂₂/SCIE&SSCI=4.3) [Q1; 79.6%¹⁴] (i)
163. **Loo, Becky P.Y.***, S.C. Wong and Timothy D. Hau (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](https://doi.org/10.1007/s11116-006-7947-5) (IF₂₀₂₂/SCIE&SSCI=4.3) [Q1; 79.6%¹⁴] (iii)
164. Wong, S.C.* , Y.C. Du, L.J. Sun and **Becky P.Y. Loo** (2006) "Sensitivity analysis for a continuum traffic equilibrium problem." *Annals of Regional Science* 40(3): 493-514. DOI:[10.1007/s00168-006-0071-9](https://doi.org/10.1007/s00168-006-0071-9) (IF₂₀₂₂=1.7) [Q3; 40.1%²] (iii)
165. Wong, S.C.* , N.N. Sze, W.T. Hung, **Becky P.Y. Loo** and Hong K. Lo (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](https://doi.org/10.1016/j.ssci.2006.03.004) (IF₂₀₂₂/SCIE=6.1) [Q1; 82.0%²⁵] (ii)
166. Wong, S.C., N.N. Sze, H.F. Yip, **Becky P.Y. Loo**, W.T. Hung and Hong K. Lo (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](https://doi.org/10.1016/j.aap.2006.04.003) (IF₂₀₂₂=5.9) [Q1; 97.7%⁹] (ii)

2005

167. Bie, J., H.K. Lo*, S.C. Wong, W.T. Hung and **Becky P.Y. Loo**. (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. (ii)
168. Ho, H.W., S.C. Wong*, Hai Yang and **Becky P.Y. Loo** (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](https://doi.org/10.1016/j.tra.2005.02.017) (IF₂₀₂₂/SCIE&SSCI=6.4) [Q1; 91.4%³] (i)
169. **Loo, Becky P.Y.***, H.W. Ho and S.C. Wong (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](https://doi.org/10.1016/j.apgeog.2005.03.008) (IF₂₀₂₂=4.9) [Q1; 87.8%⁶] (iii)
170. **Loo, Becky P.Y.***, W.T. Hung, Hong K. Lo and S.C. Wong (2005) "Road safety strategies: A comparative framework and case studies." *Transport Reviews* 25(5): 613-639. DOI: [10.1080/01441640500115892](https://doi.org/10.1080/01441640500115892) (IF₂₀₂₂=9.8) [Q1; 90.5%¹⁰] (ii)
171. **Loo, Becky P.Y.*** and Kai Liu (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](https://doi.org/10.1111/j.1467-9272.2005.00499.x) (IF₂₀₂₂=1.8) [Q3;

33.1%^{6]} 🌸 (iii)

172. Loo, Becky P.Y.* and M.K. Tsui (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 (IF₂₀₂₂=0.73) [Q2; 64.37%^{6]} (ii)
173. Wong, S.C.*, N.N. Sze, Hong K. Lo, W.T. Hung and Becky P.Y. Loo (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 (IF₂₀₂₂=5.9) [Q1; 97.7%^{9]} 🌸 (ii)

2004

174. Ho, H.W., S.C. Wong* and Becky P.Y. Loo (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 (IF₂₀₂₂/SCIE=2.3) [Q3; 39.9%^{14]} (iii)
175. Loo, Becky 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 (IF₂₀₂₂=2.5) [Q1; 89.9%^{1]} (iii)
176. Loo, Becky 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 (IF₂₀₂₂=5.6) [Q1; 91.1%^{22]} 🌸 🌸 (iv)
177. Loo, Becky P.Y.* (2004) "The Chinese information and telecommunications technology infrastructure: Who built it and for whom?" In: *Moving People, Goods and Information in the 21st Century*, ed. Richard Hanley (London: Routledge), pp. 143-158. (iv)
178. Wong, S.C.*, B.S.Y. Leung, Becky P.Y. Loo, W.T. Hung and H.K. Lo. (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 (IF₂₀₂₂=5.9) [Q1; 97.7%^{9]} 🌸 (ii)

2003

179. Ho, H.W., S.C. Wong* and Becky P.Y. Loo (2003) "A continuous traffic equilibrium model with multiple user classes." *Journal of the Eastern Asia Society for Transportation Studies* 5: 2831-2845. (iii)
180. Loo, Becky 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 (IF₂₀₂₂=4.8) [Q1; 84.9%^{13]} (iv)
181. Loo, Becky 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 as *Environment and Planning A-Economy and Space*) (IF₂₀₂₂=4.2) [Q1; 83.1%^{6]} 🌸 (i)
182. Loo, Becky P.Y.*, H.W. Ho and S.C. Wong (2003) "香港與珠江三角洲地區的機場競爭。(Competition among airports in the Pearl River Delta region) In: 提升大珠江三角洲國際競爭力研究(Research on Raising the International Competitiveness of the Great Pearl River Delta), ed. G. Chen, Y. Zhou, A.G.O. Yeh and V.F.S. Sit (Guangzhou: Zhongshan University Press) (in Chinese), pp. 293-323. (iii)

2002

183. Loo, Becky 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 (IF₂₀₂₂/SCIE&SSCI=6.4) [Q1; 91.4%^{3]} 🌸 (i)
184. Loo, Becky 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 as *Journal of Urban Planning and Development*) (IF₂₀₂₂=2.5) [Q3; 46.4%^{14]} (iii)
185. Loo, Becky 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 (IF₂₀₂₂=6.9) [Q1; 93.6%^{16]} 🌸 (i)
186. Loo, Becky P.Y.* and B. Hook (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 (IF₂₀₂₂=9.8) [Q1; 90.5%^{10]} 🌸 🌸 (iii)
187. Loo, Becky P.Y.* and Agnes Y.P. Wong (2002) "Internet development in Asia-Pacific: Spatial patterns and underlying locational factors." *Networks and Communication Studies* 16(3-4): 113-134. (iv)

Before 2002

188. **Loo, Becky P.Y.*** (2000) “An application of canonical correlation analysis in regional science: The interrelationships between transport and development in China's Zhujiang Delta.” 40(1): 141-171. [DOI:10.1111/0022-4146.00168](https://doi.org/10.1111/0022-4146.00168) (IF₂₀₂₂=3.0) [Q2; 65.9%²] ● (iii)
189. **Loo, Becky 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](https://doi.org/10.1016/S0966-6923(98)00037-4) (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ●● (iii)
190. **Loo, Becky 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](https://doi.org/10.1080/10670569808724305) (IF₂₀₂₂=2.6) [Q1; 92.3%¹] ● (iii)
191. Gu, Shuzhong* and **Becky P.Y. Loo** (1997) “中國區域糧食供需與農業政策。” (China's regional grain balance and agricultural policy) In: 1997 中國區域發展報告 (Report on China's Regional Development 1997), ed. Lu Dadao and Victor F.S. Sit (Beijing: Commercial Press) (in Chinese), pp. 222-245. (iii)
[In English version: Gu, Shuzhong and **Becky P.Y. Loo*** (2001) “Agriculture and food supply policies.” In: *China's Regional Disparity: Issues and Policies*, ed. Victor F.S. Sit and Dadao Lu (New York: Nova Science), pp. 183-198.]
192. **Loo, Becky 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](https://doi.org/10.1080/10225706.1997.9684028) (IF₂₀₂₂=0.73) [Q2; 64.37%⁶] (iii)
193. **Loo, Becky P.Y.** and C.K. Leung* (1997) “論改革開放政策與珠江三角洲交通發展的關係。” (Characteristics of transport infrastructural development in the Pearl River Delta under the Open Policy) *地理學報(ACTA Geographica Sinica)* 52 Supplement: 28-38. (iii)
194. Pang, Xiaomin* and Becky P.Y. Loo (1997) “地區經濟技術合作的政策和實現。” (Regional economic cooperation policy and its implementation) In: 1997 中國區域發展報告 (Report on China's Regional Development 1997), ed. Lu Dadao and Victor F.S. Sit (Beijing: Commercial Press) (in Chinese), pp. 193-221. (iii)
[In English version: Pang, Xiaomin and **Becky P.Y. Loo*** (2001) “Regional economic and technological cooperation.” In: *China's Regional Disparity: Issues and Policies*, ed. Victor F.S. Sit and Dadao Lu (New York: Nova Science), pp. 105-130.]
195. Leung, C.K. and Becky P.Y. Loo* (1994) “Has the Pearl River Delta been an export-oriented economy?” *Journal of Chinese Geography* (now renamed as *Journal of Geographical Sciences*) 4(3/4): 1-24. (iii)
- Subject categories: ¹Area Studies, ²Economics, ³Environmental Sciences (SCIE), ⁴Environmental Studies, ⁵Ergonomics, ⁶Geography, ⁷Green & Sustainable Science & Technology, ⁸Health Policy & Services, ⁹Social Sciences, Interdisciplinary, ¹⁰Transportation, ¹¹Transportation Science and Technology (SCIE), ¹²Infectious Diseases (SCIE), ¹³Urban Studies, ¹⁴Engineering, Civil (SCIE), ¹⁵Regional & Urban Planning, ¹⁶Development Studies, ¹⁷Public, Environmental & Occupational Health, ¹⁸Construction & Building Technology (SCIE), ¹⁹Social Sciences, Biomedical, ²⁰Multidisciplinary Sciences (SCIE), ²¹Education & Educational Research, ²²Communication, ²³Emergency Medicine (SCIE), ²⁴Medicine, General & Internal (SCIE), ²⁵Operations Research & Management Science (SCIE), ²⁶Multidisciplinary Sciences (SCIE), ²⁷Geography, Physical (SCIE), ²⁸Surgery(SCIE) and ²⁹Engineering, Electrical & Electronic (SCIE).

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

- Founding Co-Editor-in-Chief, [Travel Behaviour and Society](https://doi.org/10.1016/j.trbsoc.2022.100001), Elsevier (IF₂₀₂₂=5.2) [Q2; 68.9%¹⁰] ●
- Associate Editor, [Journal of Transport Geography](https://doi.org/10.1016/j.jtrge.2022.100001), Elsevier (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] ●●
- Editorial Board Member, [Sustainable Cities and Society](https://doi.org/10.1016/j.sustc.2022.100001), Elsevier (IF_{2022/SCIE}=11.7) [Q1; 99.3%¹⁸] ●●
- Editorial Board Member, [Journal of the American Planning Association](https://doi.org/10.1016/j.japlan.2022.100001), Elsevier (IF₂₀₂₂=5.6) [Q1; 87.2%¹³] ●
- Editorial Board Member, [International Journal of Sustainable Transportation](https://doi.org/10.1016/j.ijst.2022.100001), Taylor and Francis (IF₂₀₂₂=3.9) [Q2; 62.6%⁴]
- Associate Editor, [Transportmetrica A-Transport Science](https://doi.org/10.1016/j.tran.2022.100001), Taylor and Francis (IF₂₀₂₂=3.3) [Q2; 51.2%¹¹]
- Editorial Board Member, [Journal of Urban Technology](https://doi.org/10.1016/j.jurb.2022.100001), Routledge (IF₂₀₂₂=4.8) [Q1; 84.9%¹³]
- Editorial Board Member, [Buildings](https://doi.org/10.1016/j.build.2022.100001), MDPI (IF_{2022/SCIE}=3.8) [Q2; 67.3%¹⁴]
- Editorial Board Member, [地理研究 \(Geographical Research\)](https://doi.org/10.1016/j.geog.2022.100001), 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(CSSCI)
- Editorial Board Member, [华南地理学报 \(South China Geographical Journal\)](https://doi.org/10.1016/j.schn.2022.100001), South China Normal University 华南师范大学(CSSCI)
- Editorial Board Member, [International Journal of Shipping and Transport Logistics](https://doi.org/10.1016/j.ijstl.2022.100001), InderScience (IF₂₀₂₂=1.5) [Q4; 7.3%¹⁰]

Editorial Board Member, [Journal of Transport and Land Use](#), University of Minnesota (IF₂₀₂₂=1.9) [Q4; 12.2%¹⁰]

Editorial Panel Member, [Proceedings of the Institution of Civil Engineers-Municipal Engineer](#), [ice/Institution of Civil Engineers](#) (IF_{2022/SCIE}=1.3) [Q4; 15.5%¹⁴]

Editorial Board Member, [Injury Epidemiology](#), SpringerOpen (IF₂₀₂₂=2.2) [Q4; 34.7%¹⁷]

Editorial Board Member, [GeoJournal](#), Springer (IF₂₀₂₂=2.7) [Q2; 76.35%⁶]

Editorial Board Member, [Communications in Transportation Research](#), Elsevier (IF in 2024)

Editorial Board Member, [Journal of Cycling and Micromobility Research](#), Elsevier (newly launched in 2023)

Editorial Board Member, [Urbanization, Sustainability and Society](#), Emerald (newly launched in 2023)

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) and *International Journal of Geosciences* (2011/09-2012/08).

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

196. [24th Swiss Transport Research Conference \(STRC\) 2024](#), Monte Verita, Ascona, Switzerland 15-17/05/2024 [Keynote Speaker with financial sponsorship] 🌸
Speech title: A Paradigm Shift in Transportation
197. [2023 World Women's Scientists Conference, Shaoxing, China 13-15/10/2023](#) [Keynote Speaker with financial sponsorship]
Speech title: Applications of Artificial Intelligence in Smart Cities and the Female Perspective (智慧城市中人工智慧的應用與女性視角)
198. [First 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 with financial sponsorship]
Speech title: A Paradigm Shift in Transportation
199. [The 10th International Conference of Transportation and Space-time Economics \(TSTE 2022\)](#), Low-carbon Forum, Online by the School of Economics and Management, Beijing Jiaotong University and Elsevier, 07/12/2022 [Keynote Speaker]
Speech title: Electric Mobility: Future Carbon Reduction Potentials and the Critical Importance of Government Interventions
200. [GEOMED 2022](#), University of California, Irvine, USA, 12-14/10/2022 [Plenary Speaker] 🌸
Speech title: Human Mobility, Facilities and Location Agglomeration: Are there Regularities that Inform the Creation of a Superspreading Environment?
201. [International Symposium on High-speed Railways and Regional Development](#), organized by the 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].
Speech title: Location Matters: High-speed Railway Stations in City Evolution
202. [Bridging Transportation Researchers \(BRT\) Online Conference, University of Texas at Austin's Cockrell School of Engineering \(main host\), 5-6/08/ 2021](#) [Headliner speakers] 🌸
Speech title: Transport in Compact Cities: The "New Normal"
203. [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
204. [International Conference on Urban Computing and Smart Planning, Nanjing, China, 12-14/10/2019](#) [Keynote Speaker with financial sponsorship]
Speech title: Smart Maps
205. [Tourism Experimental Research Conference, Jinan, China, 27-30/09/2019](#) [Keynote Speaker with financial sponsorship]
Speech title: Travel Behaviour Research in an E-Society

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206. *Bay Area Cities Transport Forum and 2018 International Forum on Transport Big Data Sharing & Collaboration, Shenzhen, China, 7-8/12/ 2018* [Invited Speaker with financial sponsorship]
Speech title: 人，街道與城市的有機結合 (Re-imagining People, Streets and Cities)
-
207. *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
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208. *International Academic Conference on "Belt and Road" and the Building of Guangzhou as a Metropolitan City, Guangzhou, China, 18/11/ 2018* [Invited Speaker with financial sponsorship]
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)
-
209. ***International Conference on Smart Society and Future Cities & 2018 Chinese Urban Geography Annual Meeting, Nanjing, China, 4-7/07/2018*** [Keynote Speaker with financial sponsorship]
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)
-
210. *Research Workshop & Doctoral Seminar "Comparative Analysis of Infrastructure Policy", University of Bremen, Bremen, Germany, 07/06/ 2018.* [Invited Speaker with financial sponsorship, and followed by a Panel Discussion with Secretary of State Jens Deuschendorf, Senator of Civil Engineering, Environment and Transportation of the Free Hanseatic City of Bremen]
Speech title: Walkability of Cities: Flipping the Cityscape for People
-
211. ***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 with financial sponsorship]
Speech title: Challenges of Walkability in Cities
-
212. *KST-HKSTS Joint Workshop on Transportation Research. Organized by 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
-
213. *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
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214. *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 with financial sponsorship]
Speech title: Taking Ownership of Your Own Research: Some Possible Directions
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215. ***World Symposium on Transport and Land Use Research 2017, Brisbane, Queensland, Australia. 3-6/07/2017.*** [Keynote Speaker with financial sponsorship] ✿
Speech title: From Negative Externalities to Sustainability: What are the Ways Forward?
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216. *Chinese Academy of Sciences (CAS), Institute of Geographic Sciences and Natural Resources Research, Beijing, China, 20/05/ 2017* [Invited Speaker with financial sponsorship]. ✿
Speech title: Decarbonizing Transport: Worldwide Trends and Challenges in China
-
217. *First Academic Conference on Tourist Travel Behaviour Research, Shandong University, China, 23-25/09/2016.* [Keynote Speaker with financial sponsorship].
Speech title: Conservation Education in a Marine Theme Park: A New Model Linking Emotions, Time and Spatial Behaviour
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218. ***The iBUILD Assembly, Double Tree by Hilton, Granary Wharf, Leeds, LS1 4BR, United Kingdom. 6-7/06/ 2016.*** [Invited Speaker with financial sponsorship]
Speech title: Transport Resilience in Hong Kong: The Occupy Central Movement from Another Perspective
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219. *Seoul Metropolitan Forum, University of Seoul, Seoul, Korea, 19-20/11/ 2015.* [Invited Speaker with financial sponsorship]
Speech title: Sustainable Railway Futures: Supporting Cities and Beyond
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220. *Department of Geography, Nanjing University, Nanjing, China. 16/10/ 2015.* [Invited Speaker with financial sponsorship]
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	Speech title: Neighbourhood Environment and Health among the Elderly in Hong Kong
221.	<i>Department of Geography, The University of Birmingham, United Kingdom, 23/06/ 2015. [Invited Speaker]</i> Speech title: Movements in Cities and Beyond: Sustainability and Quality of Life
222.	<i>International Symposium on “Urban Environment and Health: Interdisciplinary Approach”, organized by the Graduate School of Human Development and Environment, Kobe University, Kobe, Japan, 07/01/2015. [Keynote Speaker with financial sponsorship] ●</i> Speech title: Neighbourhood Environment and Health among Hong Kong Seniors
223.	<i>Academic Psychiatry Conference 2014, organized by 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 with financial sponsorship] ●</i> Speech title: Relationship between the Environment and the Elderly
224.	<i>Centre de recherche en aménagement et développement (CRAD), Faculte d’aménagement, d’architecture, d’art et de design, Université Lavel, Canada, 25/08/2014. [Invited Speaker with financial sponsorship]</i> Speech title: Towards Sustainable Mobility Strategies in China: Opportunities and Challenges
225.	<i>Low-carbon Cities: Land Use and Transportation Interventions, Shaanxi Normal University and University of Minnesota, Xian, China, 12-13/06/2014. [Invited Speaker with financial sponsorship]</i> Speech title: Sustainable Mobility in Low-carbon Cities
226.	<i>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]</i> Speech title: Towards an Intermodal Freight Transport System in Global Cities
227.	<i>Sao Carlos School of Engineering, University of Sao Paulo (USP), Sao Paulo, Brazil, 22/04/2014. [Invited Speaker] ●</i> Speech title: Rethinking Sustainable Mobility Strategies in China
228.	<i>Centro de Desarrollo Urbano Sustentable (CEDEUS), Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile, 16/04/2014. [Invited Speaker with financial sponsorship] ●</i> Speech title: Understanding and Planning for Sustainable Mobilities in Developing Countries: Lessons from China and Beyond
229.	<i>Department of Transport and Logistics Engineering, School of Engineering, Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile, 15/04/2014. [Invited Speaker with financial sponsorship]</i> Speech title: Sustainability Research: Challenges and Opportunities for Us to Work Together
230.	<i>Transport Studies Unit, Oxford University Centre for the Environment, Oxford University, Oxford, United Kingdom, 12/03/ 2014. [Invited Speaker with financial sponsorship] ●</i> Speech title: Sustainable Mobilities in China
231.	<i>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 with financial sponsorship]</i> Speech title: Smart City= Low-carbon City= Happy City?
232.	<i>Department of Urban Planning, Nanjing University, Nanjing, China, 03/01/ 2014. [Invited Speaker with financial sponsorship]</i> Speech title: Planning Sustainable and Resilient Infrastructure: Challenges and Opportunities for Chinese Cities
233.	<i>Building Urban Sustainability and Resilience Symposium, University of Illinois at Chicago, Chicago, USA, 20-21/05/2013. [Invited Speaker with financial sponsorship]</i> Speech title: Resiliency versus Sustainability: Conflicting or Complementary Goals in Cities
234.	<i>Resilience through Innovation: Critical Local Transport and Utility Infrastructure. Institute of Directors, 116 Pall Mall, London, United Kingdom, 26/04/2012. [Invited Speaker with financial sponsorship]</i> Speech title: Five Thoughts on Critical Local Transport Infrastructure

235. **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 with financial sponsorship] ●**
Speech title: Urbanization and Mobility Outlook
236. **International Geographical Union, The Israeli National Commission for Geography, IGU/UGI Regional Conference, Tel Aviv, Israel, 12-16/07/ 2010: Bridging Diversity in a Globalizing World. [Plenary Speaker with financial sponsorship] ●**
Speech title: Different Dimensions of the E-society: Convergence or Divergence
237. **The Fifth National Injury Control and Prevention Conference, Wuhan, China, 21-24/10/2010. [Invited Speaker with financial sponsorship; in Putonghua]**
Speech title: An Analysis of Traffic Injury in China
238. **Traffic Safety Promotion: Primary and Secondary Prevention, Organized by Trauma Center, Princess Margaret Hospital, HKSAR, Co-organized by WHO Collaboration Centre on Community Safety Promotion, Division of Social Medicine, Karolinska Institutet, 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
239. **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
240. **The Second 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

241. **Sharing Session: Hong Kong's Sustainability Leaders & Mayors of America's Heartland**, HKU Business School and United States Heartland China Association (Co-organizer), 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*
242. RTHK, HK. 新聞特寫: 有司機指西隧新收費仍太高, 有議員稱繁忙時段太長或影響分流成效 23/03/2023
243. CGTN, Beijing. *Tech Talk: What's needed for China to make public vehicles green?* 16/02/2023
244. Ming Po, HK. 未來城市: 三鐵三路排優次 效益點止減塞車 (Setting the priority right in major transport infrastructural development) 12/11/2022
245. Ming Po, HK. 政府擬建「三鐵三路」學者倡節約城市形態免破壞鄉郊 12/11/2022 (Need to develop compact city to preserve our countryside)
246. On.cc, HK. 交通基建應平衡社會發展需要: 學者倡兩大原則達致城市多核發展 12/11/2022 (Two principles of transport infrastructural development to achieve sustainable development)
247. RTHK, HK. 香港大學交通研究所所長、香港大學地理系教授盧佩瑩教授——香港的交通基建應考慮對節約城市形態、發展多核心城市的影響 12/11/2022 (Comments on the transport infrastructural projects in HK) (Video 14/11/2022)
248. TVB News, HK. 學者質疑車禍後改涉事路段設置成效, 倡通盤檢視大型路口設計 09/11/2022 (Discussion on HK's Road Safety)
249. NowTV, HK. 經緯線 235 集: 路上如何零意外? 08/10/2022* (Discussion on HK's Road Safety)
250. TVB, HK. 香港 25 個第一: 香港特色交通工具. 24/06/2022* (Discussion on HK's Transport System)
251. **Taylor & Francis Insights, UK. Sustainable transport in cities: How city mobility can meet economic, social, and environmental needs.** 30/08/2022.

252. **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 9:00-10:00 ET [**Invited Panellist**, with Secretary of Environment, HK SAR Government, KS Wong, and Executive Director of the Hong Kong Monetary Authority, Darryl Chan; moderated by Jennifer Turner]
253. **Pedestrianspace.org, Poland. Exploring Perceptions and Definitions of Walkability.** 2022/01/31
254. HK01, HK. 交通危城 | 預仔燈易肇禍? 大湧橋路寬闊、車速快構成五大危機. 2021/08/27 (Discussion on Design of Traffic Lights)
255. 城市論壇, HK. 屯馬全綫貫東西 鐵路規劃從長計. 2021/06/27 (Discussion on opening of Tuen Ma Line)
256. **Trinity College Dublin, Ireland. Future Cities - Hong Kong.** 2021/05/12*
257. HKSTP, HK. Technology and Traffic Simulations. 2021/03
258. **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*
259. China Daily, HK. the Hong Kong-Zhuhai-Macau Bridge 2020/10/24
260. **Portugal Mobi Summit, Portugal.** Panel Discussion. 2020/10*
261. *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]
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)
262. *Academic Symposium on Theory and Application of Smart City Research, The National Natural Science Foundation of China (NSFC), The Chinese University of Hong Kong (CUHK) and Beijing-Hong Kong Academic Exchange Centre, 25-28/09/2017.* [Invited Speaker, presented by Wang Bo]
Speech title: 全球智慧城市中的交通發展趨勢與難點 (Mega-trends and Challenges of Developing Transport in Smart Cities) (with Wang Bo)
263. **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
264. **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
265. **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
266. *Croucher Advanced Study Institute 2016-2017 Integration of Urban Science and Urban Informatics for Smart Cities, The Chinese University of Hong Kong, 10-12/01/2017* [Invited Panel Discussion Member]
267. *PedBike Trans, Brisbane, Australia. 05/08/2015.* [Invited Speaker]
Speech title: Bicycle Collisions: Geographical and Behavioural Aspects
268. **Queensland Department of Transport and Main Roads, Brisbane, Australia, 30/07/2015. [Invited Speaker] 🌸**
Speech title: Neighbourhood, Social Capital and Health of the Seniors
269. *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 with financial sponsorship].
270. *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

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271. *RGS-IBG Annual International Conference, London, United Kingdom, 1-3/09/2010. [Invited guest of the transport geography session with financial sponsorship]*
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272. *Green Transport in Hong Kong: Asia's World City, Shanghai, China, 18/06/2010. [Invited panel member with financial sponsorship].*
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273. *Busan International Conference on Global Strategy for Regional Economic Development and Urban Regeneration, Busan, South Korea, 14-17/04/2008. [Invited participant with financial sponsorship]*
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Notes: * If the YouTube videos cannot be viewed directly clicking from the hyperlinks, you may copy the title and search on the Internet.

I.5) EDITORSHIPS

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274. **Loo, Becky P.Y.** (In progress, open for submissions) Guest Editor. [Social Science & Medicine: Special Issue on Slow Mobility, Environment and Health](#). (IF_{2022/SCIE&SSCI}=5.4) [Q1; 96.7%¹⁹] 🍀🔴
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275. **Loo, Becky P.Y.**, S. Thomas Ng and Washington Yotto Ochieng (In progress, closed for new submissions) Guest Editors. *Sustainable Cities and Society: Special Issue on People-Environment-Infrastructure Relationship in Future Cities*. (IF_{2022/SCIE}=11.7) [Q1; 99.3%¹⁸] 🍀
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276. **Loo, Becky P.Y.**, Peter Jones and Pengjun Zhao (2022) Guest Editors. *Journal of Transport Geography: Special Issue on Cities for People*. (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] 🍀
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277. **Loo, Becky P.Y.** and Donggen Wang (2014) Guest Editors. *Journal of Transport Geography: Special Issue on Changing Landscapes of Transport and Logistics in China* 40. (IF₂₀₂₂=6.1) [Q1; 92.4%⁶] 🍀
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278. Lam, Winnie W.Y. and **Becky P.Y. Loo** (2013) Editors. *Travel Behaviour & Society: Proceedings of the 18th International Conference of HKSTS, 14-16/12/2013* (HK: HKSTS) (ISBN: 978-988-15814-2-6).
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279. **Loo, Becky P.Y.** (2008) Guest Editor. *International Journal of Sustainable Transportation. Special Issue on Sustainable Transport Experiences: An International Survey* 2(3). (IF₂₀₂₁=3.963) [Q2; 60.24%⁴]
-
280. **Loo, Becky P.Y.** and Stephen W.K. Lam (2005) Guest Editors. *Transportmetrica. Special Issue on Some Recent Advances in Transportation Studies* 1, no. 1. (IF₂₀₂₂=3.3) [Q2; 51.2%¹¹]
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281. **Loo, Becky P.Y.** and Stephen W.K. Lam (2003) Editors. *Transportation and Logistics: Proceedings of the 8th Conference of HKSTS, 13-14/12/2003* (HK: HKSTS). (ISBN: 988-97488-1-9)
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282. **Loo, Becky P.Y.** (2002) Guest Editor. *Networks and Communication Studies: Special Issue on Internet Development in Asia* 16(1).
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283. **Loo, Becky P.Y.** (2002) Editor. *Quality Assurance Handbook* (HK: CILTHK).
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284. Ho, S.F. **Becky P.Y. Loo**, S.C. Wong and H.K. Lo (2003) Editors. *Professional Qualifying Examination: Jan. & May 2003: Question Papers and Suggested Solutions* (HK: CILTHK).
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285. Ho, S.F., S.C. Wong, **B.P.Y. Loo** and H.K. Lo (2002) Editors. *Professional Qualifying Examination May 2002: Question Papers and Suggested Solutions*. (HK: CILTHK).
-
286. Wong, P.C.C., S.C. Wong, **B.P.Y. Loo**, B.S.Y. Leung (2001) Editors. *Professional Qualifying Examination: Question Papers and Suggested Solutions, May 2001*. (HK: CILTHK).
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I.6) CONFERENCE AND WORKING PAPERS

Becky has presented **193** research papers in at local, regional and international conferences/seminars in Athens (Greece), Berkeley (USA), Berlin (Germany), Birmingham (UK), Bremen (Germany), Brisbane (Australia), Budapest (Hungary), Busan (South Korea), Chicago (USA), Denver (USA), 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), Singapore (Singapore), Seoul (South Korea), Sydney (Australia), Tallinn (Estonia), Tel Aviv (Israel), Tunis (Tunisia) and various cities in China. Other than the Keynote and Invited talks listed under I.4, details of the other conference papers and presentations (282-431) is available upon request.

I.7) WORKS OF FICTION, CONSULTING REPORTS, CASE STUDIES, ETC.

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432. **Loo, Becky 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, HKSAR Government.
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433. **Loo, Becky P.Y.** (2017) Consultancy Services on *Walkability in Pedestrian Planning and Enhancement of Pedestrian Network in Hong Kong* (PLB(Q)016/2015), Institute of Transport Studies, HKU. ●
- Included a Preliminary Assessment Report, a Task 1 Report, a Task 2 Report, a Task 3 Report, a Task 4 Report, and a Final Report
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434. 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)
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435. Wong, S.C., N.N. Sze, **Becky P.Y. Loo**, K.L. Tsui, F.L. So, H.S. Lee and S.S. So (2013) *Bicycle Injury Prevention Program in Tuen Mun District. Final Report HCPF* (Project No.: 24100244) [Award 2015]
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436. Department of Civil Engineering and 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)
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437. Wong, S.C., N.N. Sze, **Becky P.Y. Loo**, K.L. Tsui and F.L. So (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.
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438. Wong, S.C., N.N. Sze, **Becky P.Y. Loo**, S.Y. Chow, Hong K. Lo and W.T. Hung (2011) *Performance Evaluations of the Trial Spiral-marking Roundabouts in Hong Kong, 2004-2010*. Prepared for the Road Safety Research Committee, Road Safety Council, HKSAR Government.
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439. Chow, C.B., Julian T.H. Kwong, M. Leung, Adela S.F. Lai and **Becky P.Y. Loo** (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 (HCPF) (Project No.: 21070504). [Award 2011]
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440. Wong, S.C., N.N. Sze, **Becky P.Y. Loo**, S.Y. Chow, Hong K. Lo and W.T. Hung (2010) *Performance Evaluations of the Trial Alberta Roundabouts in Hong Kong, 2004-2010 (09/2011)*. A Final Report submitted to the Road Safety Research Committee, Road Safety Council, HKSAR Government.
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441. Holliday, Ian, **Becky P.Y. Loo**, K.H. Mok, C.N. Ng and R.M. Walker (2009) *Further Developing Hong Kong as a World City: Report on Brainstorming Sessions, 04/2009* (Internal report submitted to Information Services Department, HKSAR Government).
-
442. **Loo, Becky 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.
-
443. MVA Hong Kong Limited (**Becky P.Y. Loo** 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.
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444. **Loo, Becky P.Y.**, W.T. Hung, H.K. Lo and S.C. Wong (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, HKSAR Government. - *Final Report (Loo et al, 2002a)*, *Applicability Report (Loo et al, 2002b)*, *Evaluation Report (Hung et al, 2002)*, *Review Report (Loo et al, 2002c)* ●
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I.8) RESEARCH GRANTS

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

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: Wei Pan

Co-investigators: Becky P.Y. Loo, S.M. Yiu, Fu Zhang, Louis Chu, Zhiqian Zhang, Zhenjie Zheng

Funding Source: Smart Traffic Fund (HKD21.47million) (Project number:PSRI/69/2306/RA)

Project Duration: 01/12/2023 – 30/11/2025

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: Jintao Ke

Co-investigators: S.C. Wong, Becky P.Y. Loo and Mei-Po Kwan

Funding Source: Environment and Conservation Fund (HKD0.5million) (Project number:102/2022)

Project Duration: 01/03/2024 – 28/02/2026

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: Bo Wang

Co-Investigator: Becky P.Y. Loo and 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

Understanding the Dynamic Nature of the Healthy Aging Framework: A Real-time Assessment of Person-environment Interaction using Smartphone Application and Ecological Momentary Assessment

Principal Investigator: Terry Y.S. Lum

Co-Investigator: O.F. Chan, Y. Guo, Y. Liu, Becky P.Y. Loo, S. Lu, H. Luo, M. Martin, E.C.H. Ngai, C. Rocke and G.H.Y. Wong

Funding Source: General Research Fund (GRF) (HKD0.94million) (Project number: 17625122)

Project Duration: 01/01/2023 – 31/08/2024

An Evidence-based, Three-dimensional Agent-based Model for Managing Communicable Diseases in a Hyperdense Metropolis

Principal Investigator: Keumseok Koh

Co-Investigator: Jaewoo Lee and Becky P.Y. Loo

Funding Source: General Research Fund (GRF) (HKD0.24million) (Project number: 27601922)

Project Duration: 01/01/2023 – 31/12/2024

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

Principal Investigator: Becky P.Y. Loo

Funding Source: RGC GRF (HKD1.12million) (Project number: 17616221)

Project Duration: 01/01/2022 – 31/12/2024

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: Nicky Y.F. Lam

Co-Investigator: Becky P.Y. Loo

Funding Source: Environment and Conservation Fund (ECF) (HKD0.86million)

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

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: Becky 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

Re-establishing Ferry's Key Position in the Sustainable Transport System in Hong Kong 重塑渡輪成為香港可持續交通模式的重要地位(Completed)

Principal Investigator: Becky 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

Understanding Children's Independent Mobility and their Road-crossing Ability: Challenges and Opportunities in Hong Kong (Completed)

Principal Investigator: Becky 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

“Walkability” in Pedestrian Planning and Enhancement of Pedestrian Networks in Hong Kong (Completed) (PLB(Q)016/2015)

Principal Investigator: Becky P.Y. Loo
Funding Source: Development Bureau (HKD1.40million)
Project Duration: 05/03/2016 – 01/03/2017

Revisiting the “Three Ds” in Transit-oriented Development (TOD): A People-oriented and Place-based Perspective (Completed) (HKU 748912) ●

Principal Investigator: Becky P.Y. Loo
Funding Source: RGC GRF (HKD0.67million)
Project Duration: 01/01/2013 – 31/12/2015

Healthy Ageing and Sustainable Transport (Completed)

Principal Investigator: Becky P.Y. Loo
Funding Source: HKU, 27th Round PDF/RAP Scheme (HKD0.63million)
Project Duration: 07/09/2012 – 06/09/2015

Promoting Active Transportation for the Elderly: A Comparative Study of Three Asian Cities (Completed) ●

Principal Investigator: Becky P.Y. Loo
Co-investigator(s): W.W.Y. Lam, Keiko Katagiri and Rathi 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

Bicycle Injury Prevention Program in Tuen Mun District (Completed) (24100244)

Principal Investigator: S.C. Wong
Co-investigator(s): N.N. Sze, Becky P.Y. Loo, K.L. Tsui, F.L. So, H.S. Lee and S.S. So
Funding Source: Health Care and Promotion Fund Committee, Food and Health Bureau, HKSAR Government (HKD0.23million)
Project Duration: 01/09/2011 – 28/02/2013

Understanding and Enhancing the Mobility and Safety of Elderly Pedestrians (Completed) ●

Principal Investigator: Becky 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

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, Becky P.Y. Loo
Funding Source: Highways Department, HKSAR Government (HKD1.04million)
Project Duration: 01/08/2010 – 26/04/2012

Rail-based Transit-oriented Development: Urban Structure and Geographical Characteristics (Completed) ●

Principal Investigator: Becky P.Y. Loo
Funding Source: RGC GRF (HKU 7481 08H) (HKD0.54million)
Project Duration: 01/01/2009 – 30/06/2011

Research on Hot Zones: Facing the Theoretical and Methodological Challenges (Completed) ●

Principal Investigator: Becky P.Y. Loo
Funding Source: RGC CERG (renamed as GRF later) (HKU 7472 07H) (HKD0.85million)
Project Duration: 01/01/2008 – 31/12/2010

Development of an Integrated Traffic Injury Database in Kwai Tsing (Completed)

Principal Investigator: Chun Bong Chow
Co-Investigator(s): T.H.J Kwong, M. Leung, S.F.A. Lai, Becky 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

From the Black Spot to "Black Zone" Methodology in Road Safety Research: A Case Study of Hong Kong (Completed) (729604) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): W.S. Chan

Funding Source: RGC CERG (renamed as GRF later) (HKD0.64million)

Project Duration: 01/01/2005 – 30/06/2007

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: Becky 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

Improving Air Quality in Hong Kong: The Views of Public Transport Operators on Sustainable Transport (Completed) (HKU 7173 01H) ●

Principal Investigator: Becky P.Y. Loo

Co-investigator(s): Timothy D.K. Hau, S.C. Wong

Funding Source: RGC CERG (renamed as GRF later) (HKD0.52million)

Project Duration: 31/12/2001 – 30/09/2004

Two Other 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

Better Data Analytic Performance in Understanding Transportation in Smart Cities ●

Principal Investigator: Becky P.Y. Loo

Co-Investigator: Hayden K.H. So

Funding Source: Government Matching Grant Scheme (8th UGC) (HKD1.00million)

Project Duration: 01/05/ 2021 – 30/04/2025

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

Principal Investigators: Tak Hin Chan (Lingnan University)

Co-Investigators: Kin Wai Michael, Siu, Becky P.Y. Loo and Tingting Elle Li

Funding Source: MTR Research Funding (MRF) (HKD0.68million)

Project Duration: 03/2024 – 04/2026

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

Principal Investigators (專案負責人): Guo Renzhong (Shenzhen University), Anthony G.O. Yeh (HKU) and Yuan Jiarong (Macao University)

Co-Investigators (主要參與人員) at HKU: Fang Bian, Zifeng Chen, Reynold Cheng, Weifeng Li, Becky P.Y. Loo, W.Y. Szeto, Jiangping Zhou and S.C. Wong (There are six working packages 研究課題 of the Joint Laboratory, Becky Loo is Leader 帶頭人 of one of them.)

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: 11/2023 – 06/2023

Using Computer Vision, Machine Learning, and Artificial Intelligence to Improve Bus Safety in Smart Cities: A Pilot Study ●

Principal Investigator: Becky P.Y. Loo

Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB), AND Research Matching Grant Scheme (RMGS) (UGC) (HKD0.28million)

Project Duration: 01/10/2020 – 30/09/2022

Reducing Transport Stress in Big Cities: MTR Passengers, Services and Stations

Principal Investigator: Becky P.Y. Loo

Funding Source: The Mass Transit Railway Corporation (MTRC) (HKD0.50million)

Project Duration: 01/04/2020 – 28/02/2021

Reducing Transport Stress in Big Cities: Buses, Bus Stops and Bus Passengers

Principal Investigator: Becky P.Y. Loo

Funding Source: Kowloon Motor Bus Company (1933) Limited (KMB) and Long Win Bus Company Limited (LWB), AND Research Matching Grant Scheme (RMGS) (UGC) (HKD0.70million)

Project Duration: 01/12/2019 – 31/03/2021

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

Principal Investigator: Becky 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

Joint Laboratory on Future Cities ●

Principal Investigator: Becky P.Y. Loo

Co-Investigator: Hayden K.H. So

Funding Source: Prosit Philosophiae Foundation (HKD2.00million)

Project Duration: 01/07/2018 – 30/06/2025

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

Principal Investigator: Raffa Laforteza

Co-Investigator: Becky P.Y. Loo, J Qi, R Bellotti

Funding Source: Seed Fund for Basic Research (HKD0.15million)

Project Duration: 28/06/2018 – 27/06/2020

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

Principal Investigators: Becky P.Y. Loo (HKU) & Peter Jones (UCL)

Funding Source: HKU-UCL Strategic Partnership Fund (HKD0.20million)

Project Duration: 01/01/2018 – 30/12/ 2019

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

Principal Investigator: Becky P.Y. Loo

Funding Source: Sixth Government Matching Grant Scheme (HKD0.27million)

Project Duration: 01/01/2014 – 31/12/ 2015

China's Mobility Transition 2030 (Completed) ●

Principal Investigator: Becky P.Y. Loo

Funding Source: CBMM Technology Suisse SA (HKD0.48million)

Project Duration: 08/2012 – 07/2013

Pedestrian Walkway Environment and Its Impact on People's Path Choice: A Comparative Study of Hong Kong and New York (Completed)

Principal Investigator: Becky P.Y. Loo

Co-Investigator(s): Zhan 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, The HK-Swiss Symposium on Future Cities**, Co-organized by ETH Zurich and HKU (Institute of Transport Studies and Joint Laboratory on Future Cities), 16-17/05/2022 (Co-chaired with Professor Kay Axhausen, ETH).
 2. **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 Professor Hui Lin, Jiangxi Normal University).
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3. **Co-Chairperson and Convenor, People-environment Dynamics under COVID-19**, COVID-19 and Geography series, Department of Geography, HKU, 28/05/2020. ●
4. **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.
5. **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.
6. **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. ●
7. **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.
8. **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.
9. **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. ●
10. **Chairperson, Workshop on Transportography: Advances in Spatiotemporal Transport Analysis**. 12/12/2012, jointly organized by the Institute of Transport Studies and the HKSTS.
11. **Chairperson, Second International Symposium on Road Safety (ISRS' 2006)**, 05/08/2006 (ISRS' 2006), jointly organized by the Transport Department of HKSAR Government and the School of Geography of HKU (05/2005 to 9/2006)
12. **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 to 12/2004)
13. **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 to 12/2003) ●

I.10) PRIZES, AWARDS, HONOURS & FELLOWSHIPS

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.

2020 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 on Professor Becky P.Y. Loo in 04/2021. She is a Chang Jiang Scholar at the School of Geography and Environment of Jiangxi Normal University from 04/2021 to 04/2024.

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

- Awarded by the Eastern Asia Society for Transportation Studies (EASTS) to Becky P.Y. Loo on 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., N.N. Sze, Becky P.Y. Loo, K.L. Tsui, F.L. So, H.S. Lee and S.S. So (2013) Bicycle Injury Prevention Program in Tuen Mun District. (Project No.: 24100244)

Griffith University Short Term Visiting Research Fellowship 2015

- The Fellowship supports an invitation for me to visit 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 an invitation for me to visit 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 ●

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- 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.
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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.
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Outstanding Young Researcher Award 2006

- Supported more than 10 publications
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I.11) OTHER INFORMATION ON INTERNATIONAL STANDING AND CONTRIBUTIONS TO KNOWLEDGE IN THE FIELD

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1. Clarivate Web of Science Profile: <https://www.webofscience.com/wos/author/record/891198>
 2. Google Scholar Profile: <https://scholar.google.com/citations?user=hyPdGdMAAAAJ&hl=en>
 3. Scopus Profile: <https://www.scopus.com/authid/detail.uri?authorId=7005145560>
 4. **[Stanford University Top 2% Scientists of the world based both on career-long and year-specific citations](#)** (2020, 2021, 2022 & 2023) ●
Based on the latest 2023 career-long citations, Becky ranks among the Global Top 100 -- 80 out of about 26,803 Top 2% scientists within the sub-field of Logistics & Transportation. Among this list of Global Top 100, 6 are working in Hong Kong. Becky is the only one from a non-engineering background and is the only female.
 5. Internationally, Becky is known as **[“one of the foremost Asian scholars working in the area of infrastructure, transportation and urban transformation”](#)**.
 6. **[Second Vice-President, HKSTS](#)** (since 04/2019)
Honorary Secretary (06/2011 to 03/2019); Honorary Deputy Treasurer (since 05/2006); Board Member (since 01/2004)
 7. **Member, Standing Committee of Statistical Methods (ABJ80), Transportation Research Board (TRB), (US) National Academies of Sciences, Engineering, and Medicine** (15/04/2020-14/04/2026)
 8. **College Member, ERC Portugal Pre-Assessment Programme 2023-2024** ●
 9. **Panel Member, European Research Council (ERC), Advanced Grants 2021** (Social Sciences and Humanities Panel on “Institutions, Values, Environment and Space”) ●
 10. **Panel Member, ERC, Advanced Grants 2019** (Social Sciences and Humanities Panel on “Institutions, Values, Environment and Space”) ●
 11. **Panel Member, ERC, Advanced Grants 2017** (Social Sciences and Humanities Panel on “Institutions, Values, Environment and Space”) ●
 12. **Panel Member, ERC, Advanced Grants 2015** (Social Sciences and Humanities Panel on “Environment, Space and Population”) ●
 13. **Panel Member, Assessment Panel of the Innovation and Technology Fund for Better Living, Secretary for Innovation and Technology, HKSAR Government** (05/2017-04/2023) ●
 14. **Vice Chairperson, Transport and Geography Commission (C12.38) International Geographical Union (IGU)** (03/2012-02/2016) ●
 15. **Invited Grant Application Reviewer**
 - Policy Innovation and Co-ordination Office (PICO) (former Central Policy Unit), HK
 - Comision Nacional de Investigacion Cientifica y Tecnologica – CONICYT, Chile
 - Dutch Research Council, the Netherlands (NWO)
 - Engineering and Physical Sciences Research Council (EPSRC), UK
 - ERC
 - European Science Foundation
 - Israel Science Foundation
 - National Natural Science Foundation of China (NSFC) 中國國家自然科學資金委員會
 - National Science Foundation (NSF), USA
 - Social Sciences and Humanities, Research Council of Canada (SSHRC)
 - RGC, HK
 - Research Grants Council of Oman
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16. **2019, 2020, 2021 & 2022 HKU Top 1% Scholars** (<http://hub.hku.hk/local/top1pc/top1pc.jsp>)
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17. Clarivate Analytics InCites Essential Science Indicator (ESI) Author (since 03/2019)
-
18. Invited Outside Referee to Review Applications for University Recruitment, Tenure and Promotion (for universities in Australia, Canada, HK, Israel, mainland China, Singapore, UK and USA)
- Including the University of Melbourne in Australia; Simon Fraser University in Canada; East China Normal University, Peking University, and Tsinghua University in mainland China; 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 and John Hopkins University in the USA
-
19. 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.
-
20. Invited book proposal reviewer and journal paper reviewer of a wide range of top peer-reviewed academic journals.
-

II) TEACHING

II. 1) TEACHING EXPERIENCE

-
- GEOG7001 Survey and Data Analysis in Transport Studies; Masters; 1997-1998, except 2013-2014**
(co-taught in 2020-2021)
-
- GEOG3420 Transport and Society (formerly GEOG3411); Undergraduate (UG); Since 2014-2015, 2012-2013 (GEOG3411), 2010-2011(GEOG3411), 2007-2008 (GEOG2105)**
-
- GEOG3422 Contemporary Urban Transportation Issues; UG; Since 2020-2021 (co-taught in 2020-2021)**
-
- Global Development; UG; 1999-2000 to 2016-2017, except 2013-2014)**
-
- Survey and Statistical Techniques in Geography; UG; 2006-07, 2005-06, 2003-04, 2002-03, 2001-02, 2000-01, 1999-00**
-
- Geography of Information Technology; UG; 2006-07, 2004-05, 2002-03, 2001-02, 2000-01**
-
- Geography of Poverty and Wealth, UG; 2011-2012, 2008-09**
-
- Methodological Issues in Geography; UG; 2000-01(co-taught)**
-
- Overseas Field Trip; UG; 1999-00, 1997-98**
-
- China Studies for Surveying Students; UG; 1998-99, 1997-98**
-
- Geography of Global Development; UG; 1998-99**
-
- Research Methods in Transport Studies; Masters; 2006-2007 to 2018-2019, except 2013-2014**
-
- Quantitative and Computing Techniques; UG; 1997-98 (co-taught), 1998-99 (co-taught)**
-
- Transport and Development; Postgraduate; 1997-98**
-

II.2) POSTGRADUATE SUPERVISION

II.2.1) TAUGHT POSTGRADUATE DISSERTATIONS

Becky has supervised **48** taught postgraduate dissertations on the Master of Arts in Transport Policy and Planning (MATPP) and the Master of Arts in China Studies (MACHS) programmes since 1997.

II.2.2) RESEARCH POSTGRADUATE THESES

-
1. Li, Xiangyi. *Built Environment* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2027 (expected).

 2. Liang, Yiqing. *Sustainable Transport* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2027 (expected).

 3. Li, Zhixuan. *Smart City and Transport Poverty* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2026 (expected).
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4. Wang, Hui. *Geography and Transportation* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2026 (expected).
5. Fan, Zhuangyuan. *Transport Geography* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2025 (expected). (HKPFS and HKU-PS awardee)
6. Lian, Ting. *Transportation* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 02/2024 (expected).
7. Wong, Wai Man. *Smart Cities* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 08/2024 (expected) (part-time).
8. Zhang, Feiyang. *Urban Transport Studies* (Field of Study). **Doctor of Philosophy** Thesis, HKU, 12/2022.
9. Huang, Zhiran. *Different Spatio-temporal Dimensions of Urban Traffic Congestion*. **Doctor of Philosophy** Thesis, HKU, 03/2023.
10. Tsoi, Ka Ho. *Sustainable Mobility in Hong Kong*. **Doctor of Philosophy** Thesis, HKU, 12/2020. (UPF awardee)
11. Leung, Yin Kiu Kevin. *Childhood in Hong Kong: Perspectives from Children's Safety, Mobility and Wellbeing*. **Doctor of Philosophy** Thesis, HKU, 08/2019.
12. Wang, Bo. *The Role of Distance in the Information Age*. **Doctor of Philosophy** Thesis, HKU, 08/2017.
13. Yang, Zi. *Transport Geography and Spatial Analysis*. **Doctor of Philosophy** Thesis, HKU, 08/2016.
14. Nichols, Samantha Laura. *Sustainable Transport in Hong Kong: Reshuffling the Transport Hierarchy Based on Geographical and Trip Characteristics Variations*. Master of Philosophy Thesis, HKU, 06/2015.
15. Li, Linna. *Interaction between Regional Development and Inter-city High-speed Railways in Chinese Mega-city Regions*. **Doctor of Philosophy** Thesis, HKU, 08/2014.
16. Wu, Yuhao. *Motorcycle Safety in Developing Countries: A Case Study of Maoming, China*. **Doctor of Philosophy** Thesis, HKU, 06/2014.
17. Du Verle, Frederic Daniel. *Transit-oriented Development in Hong Kong*. Master of Philosophy Thesis. HKU, 09/2013.
18. Yao, Shenjun. *Pedestrian Road Safety*. **Doctor of Philosophy** Thesis, HKU, 08/2012.
19. Lam, Wing Yee Winnie. *Individual Mobility for Socially Sustainable Transport*. **Doctor of Philosophy** Thesis, HKU, 08/2011.
20. Cheng, Hon Ting. *Understanding Rail-based Transit-oriented Development: The Dynamics of Metro Systems, Population and Income Growth*. Master of Philosophy Thesis, HKU, 08/2010.
21. Chow, Sin Yin Alice. *Spatial Perspective on Sustainable Transport under Population Decentralization: A Case of Hong Kong*. **Doctor of Philosophy** Thesis, HKU, 08/2009.
22. Chan, Tak Hin Eric. *The Relationship between Urban Form and Rail Patronage in Two Metropolitan Cities: Hong Kong and New York*. Master of Philosophy Thesis, HKU, 08/2009. (now completed PhD from the University of Oxford)
23. Tsui, Miu Kuan. *Pedestrian Safety in Hong Kong*. Master of Philosophy Thesis, HKU, 08/2006.
24. Wong, Yan Ping Agnes. *The Geography of Internet Production and Consumption in the Asia-Pacific*. Master of Philosophy Thesis, HKU, 02/2003.

In addition to the postgraduates that I supervised, I have served as an Examiner of **36** other research postgraduate theses locally and overseas in Australia, Singapore and the Netherlands. I hosted an exchange PhD student Romi Satria (supervisor Mario Castro) from Universidad Politecnica de Madrid, Spain in 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)
 4. **Chairperson**, Hong Kong Geographical Association (HKGA) (03/2005 to 02/2007; 03/2007 to 02/2009) (Honorary Treasurer 03/2003 to 02/2005; Honorary Secretary 03/2001 to 02/2003) ●
 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 to 03/2008)
 6. **Chairperson** and Member, Working Party on the Review of AL Geography Syllabus, HKEAA, HKSAR Government (09/2000 to 08/2003, Chairperson from 09/2000 to 08/2002)
 7. **Chairperson** and Member, Sixth Form Geography Subject Committee, HKEAA, HKSAR Government (09/2000 to 08/2003, Chairperson from 09/2000 to 08/2001 and 09/2002 to 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 to 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 to 08/2002)
 10. Moderator, Hong Kong A-level Geography Examination 2004 Papers I & II, HKEAA, HKSAR Government (02/2003 to 08/2004)
 11. Proof-reader, Hong Kong A-level Geography Examination 2005 Papers I & II, HKEAA, HKSAR Government (02/2004 to 08/2005)
 12. External Advisor/Reviewer, Quality Education Fund (since 01/1998)
-

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

1. Member, Quality Assurance Committee, CILTHK (08/2002 to 08/2022)
 2. Member, **International Membership Accreditation Panel**, CILT International (10/2008 to 05/2016)
 3. **Chairperson**, International Membership Standards Committee, CILT International (08/2012-06/2017) ●
 4. Deputy Education and Training Officer, CILTHK (10/2002 to 09/2004); Mentor for young members, CILTHK (03/2005 to 09/2006)
 5. Honorary Advisor, Master of Arts in Transport Policy and Planning Association (MATPPA) (since 12/2000)
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6. Academic Assessor and Members of various Committees in Logistics and Transport Operations programmes of HKU SPACE (various years)
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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. **Li Po Chun Postgraduate Scholarship**, 1994-1995, HKU
2. **Swire Scholarship**, 1994-1995, HKU
3. Postgraduate Studentship, 1994-1995, HKU
4. **Sir Edward Youde Memorial Fellowship**, 1993-1994
5. Swire Scholarship, 1993-1994, HKU
6. Postgraduate Studentship, 1993-1994, HKU
7. Sir Edward Youde Memorial Fellowship, 1992-1993
8. Swire Scholarship, 1992-1993, HKU
9. Postgraduate Studentship, 1992-1993, HKU
10. Research Grants for Higher Degree Students, 1992-1993, HKU
11. **Hui Oi Chow Prize in Geography and Geology**, 1991-1992, HKU
12. **Yeung Wing Hong Memorial Prize**, 1988-1989, Queen Elizabeth School
13. **Arthur Hinton Scholarship**, 1988-1989, Queen Elizabeth School
14. Certificate of Merit (Economics), 1988-1989, Queen Elizabeth School
15. Certificate of Merit (Geography), 1988-1989, Queen Elizabeth School
16. Certificate of Merit (History), 1988-1989, Queen Elizabeth School
17. Certificate of Merit (Economics), 1987-1988, Queen Elizabeth School
18. **Academic Award**, 1986-1987, Holy Family Canossian College

III) ADMINISTRATION AND SERVICES

III.1) HKU

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1. **Founding Co-Director, Joint Laboratory on Future Cities (JLFC)** (07/2019 to 06/2024) ●
 2. Vice-President, HKU Staff Association (HKUSA) (04/2020 to 03/2024)
-

3. **Programme Director, Master of Arts in Transport Policy and Planning programme** (since 09/1997)
4. **Director, Institute of Transport Studies (ITS)** (07/2014 to 06/2023) ●
(Deputy Director 07/2008 to 06/2014; Member since 10/2000)
5. **Panel Member, Review of the Faculty of Architecture** (04/2022 to 08/2022)
6. **Panel Member, Review of Centre for Innovation in Construction and Infrastructure Development (CICID)** (04/2022 to 08/2022)
7. Member, Social Sciences Faculty Human Resource Committee (08/2018 to 08/2021)
8. Alternate Member, Appeals Panel, Human Resource Policy Committee (02/2020 to 01/2022)
9. **Head, Department of Geography** (11/2017 to 10/2020) ●
10. Member, Human Resource, Promotion and Tenure Committee (HRPTC), Hong Kong Institute for the Humanities and Social Sciences (HKIHSS) (09/2017 to 04/2020)
11. Chairperson, Hui Oi-Chow Trust Fund Committee of Management (11/2017 to 10/2020)
12. Member, Executive Board, Centre for Water Technology and Policy (10/2018 to 09/2019)
13. Member, Advisory Board for the Laboratory of Neuroscience for Education (NfE Lab), Faculty of Education (09/2018 to 08/2020)
14. Mentor, HKU10, a programme to enhance gender parity in academic leadership at HKU (03/2018-09/2018, the Inaugural cohort)
15. Member, Faculty Curriculum Development Committee, Faculty of Social Sciences (11/2017 to 10/2020)
16. Member, Faculty Resources Allocation Committee, Faculty of Social Sciences (11/2017 to 10/2020)
17. Member, Common Core Curriculum Committee (01/2010 to 06/2016)
18. **Associate Dean, Graduate School** (01/2014 to 12/2015) ●
19. Assistant Dean, Graduate School 04/2013 to 12/2013)
20. **Associate Dean, Faculty of Social Sciences** (07/2008 to 08/2011) ●
21. **Deputy Chairperson, Human Research Ethics Committee for Non-clinical Faculties (HRECNCf)** (01/2013 to 12/2014)
22. Member, Policy Board of Postgraduate Education (01/2014 to 12/2015)
23. Member, Board for Professional Doctorates (08/2013-03/2015)
24. Leader, “Global Issues” Area of Inquiry (AoI), Common Core Curriculum Committee (01/2010 to 06/2016)
25. Fellow, Centre of Urban Studies and Urban Planning (CUSUP) (07/2013-06/2016)
26. Member, Social Sciences Promotion and Tenure Panel (PTP)(09/2011 to 08/2013)
27. **Chairperson, Higher Social Sciences Degrees Committee** (07/2008 to 08/2011) (Member 07/2007 to 06/2008)
28. **Chairperson, Faculty Ethics Panel (FEP), Faculty of Social Sciences** (04/2011 to 08/2011; member since 11/2007)
29. Member, Strategic Research Theme on Contemporary China Studies (since 2008)
30. Member, Faculty Curriculum Development Committee (FCDC) (11/2010 to 08/2011)
31. Member, Faculty Research Committee, Faculty of Social Sciences (11/2007 to 08/2011)
32. **Chairperson, Faculty Teaching and Learning Quality Committee**, Faculty of Social Sciences (07/2008 to 12/2008)
33. Member, Departmental Research Committee, Department of Geography (09/1999 to 08/2020)

III.2) PUBLIC SERVICE

1. Member, Appeal Tribunal Panel Section 45 of the Buildings Ordinance (Cap. 123), The HKSAR Government (12/2021 to 11/2024) (Appointment on a personal basis)
2. Member, [Aviation Development and Three-runway System Advisory Committee \(ADTAC\)](#), HKSAR Government (08/2021 to 07/2025) (Appointment on a personal basis)
3. Member, [Harbourfront Commission](#), HKSAR Government (07/2010 to 06/2025) (Appointment on a personal basis 07/2021 to 06/2025) ●

-
4. **Chairperson, [Task Force on Kowloon, Tsuen Wan and Kwai Tsing, Harbourfront Commission](#)**, HKSAR Government (07/2010 to 06/2025) ●

 5. Member, [Lantau Development Advisory Committee](#), HKSAR Government (02/2018 to 01/2024) (Appointment on a personal basis)

 6. Member, [Common Spatial Data Advisory Committee \(CSDAC\)](#), Development Bureau, HKSAR Government (10/2020 to 09/2026) (Appointment on a personal basis)

 7. Member, [Transport Advisory Committee](#), HKSAR Government (10/2013 to 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 HKSAR Government.

 8. Member, [Road Safety Council](#), HKSAR Government (08/2013 to 07/2019) ●

 9. Member, [Road Safety Research Committee \(RSRC\) of the Road Safety Council \(RSC\)](#), HKSAR Government (06/2003 to 05/2025) ●

 10. Member, [Trustees of the Ocean Park Conservation Foundation \(OPCF\)](#), HK (09/2011 to 12/2024) (Appointment on a personal basis) (Chairperson, OPCF Scientific Committee)

 11. Member, Assessment Panel on Personal, Social and Humanities Education Key Learning Area, [Chief Executive's Award for Teaching Excellence \(CEATE\)](#), HKSAR Government (2018/2019) (08/2018 to 12/2019)

 12. Member, [Expert Group on Capacity to Receive Visitors and Green Transport for Lantau](#), HKSAR Government (07/2018 to 10/2022) (Appointment on a personal basis)

 13. **Chairperson, [Transport Complaints Unit, Transport Advisory Committee](#)**, HKSAR Government (01/2018 to 09/2019) (Member: 11/2013 to 12/2017)

 14. **Member, [Education Committee, The Ocean Park Corporation \(OPC\)](#)** (08/2012-06/2021) (Chairperson, Education Advisory Committee, 07/2014 to 06/2017)

 15. Member, [Air Transport Licensing Authority \(ATLA\)](#), HKSAR Government (08/2012 to 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.

 16. **Member, Board of Directors, The Ocean Park Corporation (OPC)** (07/2011 to 06/2017) (Appointment on a personal basis) ●

 17. Member, [Logistics Industry Training Advisory Committee, Qualifications Framework, Education Bureau, HKSAR Government](#) (5/2012 to 12/2015) (Appointment on a personal basis)
-
- For Government Appointments Related to *Curriculum Design and Assessment*, see [Section II.4.2](#).
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III.3) SERVICE TO THE PROFESSION/COMMUNITY

-
1. **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) ●

 2. **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)

 3. Member, Data Governance Think Tank of Hong Kong Science and Technology Parks Corporation (HKSTP) (03/2023-02/2025)

 4. Member, Committee on Accessible Transport and Travel, **The Hong Kong Society for Rehabilitation** (06/2018-12/2025)

 5. 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-)

 6. Member, HKTaxi Industry Innovation Committee (06/2022-05/2023)

 7. **Council Member, CILTHK (CILTHK)** (10/2002-09/2022)
 Member of Quality Assurance Committee (since 10/2008); Immediate Past President (10/2014-09/2016); **President (10/2012-09/2014)** ●; Vice-President (10/2008-08/2012); Fellow of the CILT (FCILT) (10/2005 to present); Council Member (10/2002 to now); Chairperson, Membership Committee (10/2004 to 09/2008); Chartered Member (CMILT) (1997 to 10/2005)
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8. **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 behind it, but is always adapting to stay consistent with current logistics and transport issues. The Institute's Patron is Her Majesty Queen Elizabeth II.
-
9. **Chairperson, HK Section, International Geographical Union** (03/2005 to 2/2009)
-
6. **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.
-
7. **Panel Member, Graduate School Review, Hong Kong University of Education** (12/2015-01/2016)
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8. **Member, International Steering Committee, International Geospatial Health Research Network**
-
9. **Member, Committee on Injury Prevention and Control, Chinese Preventive Medicine Association (CPMA)** (11/2009-10/2014)
-
10. **Honorary Secretary, Geography of Information Society Commission (C10), International Geographical Union** (08/2008-04/2013) (Member of the Steering Committee since 07/2003)
-
12. **Member, International Scientific Committee, Eastern Asian Society for Transportation Studies (EASTS)** (08/2008-08/2014)
-
13. **Fellow, Geographical/Land Information System Research Centre (GISRC)** (since 03/1999)
-
14. **Member, Advisory Committee, Shipping Research Centre (SRC), The Hong Kong Polytechnic University**
-
15. **Member, Swire Scholars Association** (since 09/1998)
-

Apart from the above major professional services, Becky P.Y. 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, HKU, HK, China (07/2009-Present)**
- Department of Geography, HKU
-
2. **Honorary Professor, University College London (UCL), UK (12/2020-11/2025)**
- Department of Civil, Environmental & Geomatic Engineering
-
3. **Chang Jiang Scholar, Chair Professor, Ministry of Education, PRC (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)
-
4. **Honorary Professor, Beijing Jiaotong University (北京交通大學), PRC (12/2022-11/2025)**
- School of Economics and Management (經濟管理學院)
-
5. **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)**
-
6. **Visiting Professor, UCL, UK (12/2019-01/2020)**
- Department of Civil, Environmental & Geomatic Engineering
-
7. **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)
-
8. **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
-
9. **Distinguished Visiting Fellow, University of Birmingham, UK (06/2015)**
- Institute of Advanced Studies, University of Birmingham, Birmingham, UK (01-30/06/2015)
 - Fully funded by the Institute of Advanced Studies
-
10. **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

11. 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 to 18/04/2014)
- Fully funded by the School of Engineering, PUC and the “China Mobility 2030” Project of CBMM

12. Distinguished Visiting Scholar (DVS), Oxford University, UK (02/2014-03/2014)

- School of Geography and the Environment, The University of Oxford (17/02 to 17/03/2014)
- Fully funded by the ACU University of Oxford Fellowship and the “China Mobility 2030” Project of CBMM

13. Associate Professor, HKU, HK, China (12/2002-06/2009)

- Department of Geography, HKU

14. Assistant Professor, HKU, HK, China (09/1998-11/2002)

- Department of Geography, HKU

15. Temporary Full-time Assistant Professor, HKU, HK, China (09/1997-08/1998)

- Department of Geography and Geology, HKU

16. 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 HKSAR 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 the Justice of the Peace 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.

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.
-

ABOUT ME AS A PERSON

I endeavour to support individuals (especially girls and women) to reach their full potential in making our world a better place for all. I love teamwork, but I don't mind standing alone for fundamental values and what is right. “**Truth, Kindness, Beauty, and Love**” (真善美愛) are core values that I strive for in life. I hope to pass these good core 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 relation, I am a member of China Calligrapher 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 also 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).

<END>