

KRIS HARTLEY

Assistant Professor, City University of Hong Kong

kris.hartley@cityu.edu.hk | www.krishartley.com | +1 607-288-2877 | +852 5743 8857 | Citizenship: USA

Expertise: Sustainability transitions; circular economy; bridge technologies; SDGs; policy processes

FULL-TIME ACADEMIC APPOINTMENTS

- 2024-pres. **Assistant Professor (tenure-track)**
Arizona State University, School of Sustainability
- 2022-2024 **Assistant Professor (tenure-track)**
City University of Hong Kong, Department of Public and International Affairs
- 2018-2022 **Assistant Professor (tenure-track)**
Education University of Hong Kong, Department of Asian and Policy Studies
- 2018 **Lecturer (term contract)**
University of Melbourne (Australia), School of Social and Political Sciences
- 2016-2017 **Lecturer (term contract)**
Cornell University, Department of City and Regional Planning

GUEST ACADEMIC APPOINTMENTS

- 2020-pres. **Visiting Fellow**
University of Melbourne (Australia), Melbourne Centre for Cities
- 2019-pres. **Visiting Senior Assistant Professor / Assistant Professor**
University of Brunei Darussalam (Brunei), Institute of Policy Studies
- 2015-pres. **Affiliated Scholar**
Seoul National University (South Korea), Center for Government Competitiveness
- 2015-pres. **Nonresident Fellow for Global Cities**
Chicago Council on Global Affairs (United States)

EDUCATION

- 2016 Ph.D. **Public Policy**, National University of Singapore, Lee Kuan Yew School of Public Policy
- *Dissertation Chair: Michael Howlett (Simon Fraser University, Canada)*
 - *President's Graduate Fellowship (second ever recipient in program)*
 - *Wang Gungwu Medal and Prize for best PhD thesis in the Social Sciences (2016 at NUS)*
 - *Musim Mas Dissertation Award for Research on Policy and Sustainability (2016)*
- 2010 Master **City Planning**, University of California, Berkeley, College of Environmental Design
- *Scholarship, International House; American Planning Assoc. Awards, honorable mention*
- 2000 B.A. **Classical Studies/Latin**, University of Tennessee, Knoxville, College of Arts and Sciences
- *Phi Beta Kappa honors; Magna cum Laude; merit-based academic scholarship*

ACADEMIC PUBLICATIONS

Peer-reviewed journal articles (listed reverse-chronologically by theme)

Environment, energy, and water

49. **Hartley, Kris**; Baldassarre, Brian; and Kirchherr, Julian. (2024). "[Circular economy as crisis response: a primer](#)." *Journal of Cleaner Production*, 434, 140140.
48. Kirchherr, Julian; Urbinati, Andrea; **Hartley, Kris**. (2023). "[Circular Economy: A New Research Field?](#)" *Journal of Industrial Ecology*, 27(5): 1239-1251.
47. **Hartley, Kris**; Schulzchen, Steffen; Bakker, Conny; Kirchherr, Julian. (2023). "[A Policy Framework for the Circular Economy: Lessons from the EU](#)." *Journal of Cleaner Production*, 412: 137176. (CityU media write-up: https://www.cityu.edu.hk/class/media_events/news_item.aspx?ref=460)
46. Straub, Lucas; **Hartley, Kris**; Dyakonov, Ivan; Gupta, Harsh; van Vuuren, Detlef; Kirchherr, Julian. (2023). "[Employee Skills for Circular Business Model Implementation: A Taxonomy](#)." *Journal of Cleaner Production*, 410: 137027.
45. Kirchherr, Julian; Yang, Nan-Hua Nadja; Schulze-Spüntrup, Frederik; Heerink, Maarten; **Hartley, Kris**. (2023). "[Conceptualizing the Circular Economy \(Revisited\): An Analysis of 221 Definitions](#)." *Resources, Conservation & Recycling*, 194: 107001.
44. Kirchherr, Julian; **Hartley, Kris**; Tukker, Arnold. (2023). "[Missions and Mission-oriented Innovation Policy for Sustainability: A Review and Critical Reflection](#)." *Environmental Innovation and Societal Transitions*, 47: 100721.
43. **Hartley, Kris** and Kirchherr, Julian. (2023). "[Circular Economy: Trust the Models?](#)" *Resources, Conservation & Recycling*, 190: 106793.
42. **Hartley, Kris**; Roosendaal, Jasper; Kirchherr, Julian. (2021). "[Barriers to the Circular Economy: The Case of the Dutch Technical and Interior Textiles Industries](#)." *Journal of Industrial Ecology*, 26(2): 477-490.
41. Vu, Minh Khuong and **Hartley, Kris**. (2021). "[Effects of Digital Transformation on Electricity Sector Growth and Productivity Performance: A Study of 13 Industrialized Economies](#)." *Utilities Policy*, 74: 101326.
40. **Hartley, Kris** and Kuecker, Glen. (2021). "[Deconstructing Masculinity in Water Governance](#)." *Water International*, 46(5): 671-676.
39. Chaiyapa, Warathida; **Hartley, Kris**; del Barrio, Daniel. (2021). "[From End-users to Policy Designers: Breaking Open the Black Box of Energy Technocracy in Thailand](#)." *Energy Research & Social Science*, 73: 10192.
38. **Hartley, Kris**; Lim Sher Wen, Nicole; Tortajada, Cecilia. (2021). "[Digital Feedback-Based Interventions for Water Conservation](#)." *Water Economics and Policy*, 7(1).
37. **Hartley, Kris**; van Santen, Ralf; Kirchherr, Julian. (2020). "[Policies for Transitioning Towards a Circular Economy: Expectations from the European Union](#)." *Resources, Conservation & Recycling*, 155: 104634.
36. **Hartley, Kris** and Kuecker, Glen. (2020). "[The Moral Hazards of Smart Water Management](#)." *Water International*, 45(6): 693-701.
35. **Hartley, Kris**; Kuecker, Glen; Woo, JJ. (2019). "[Practicing Public Policy in an Age of Disruption](#)." *Policy Design and Practice*, 2(2): 163-181.
34. **Hartley, Kris**; Tortajada, Cecilia; Biswas, Asit. (2019). "[A Formal Model Concerning Policy Strategies to Build Public Acceptance of Potable Water Reuse](#)." *Journal of Environmental Management*, 250: 109505.
33. **Hartley, Kris**; Tortajada, Cecilia; Biswas, Asit. (2018). "[Political Dynamics and Water Supply in Hong Kong](#)." *Environmental Development*, 27: 107-117.

32. **Hartley, Kris.** (2017). "[Environmental Resilience and Intergovernmental Collaboration in the Pearl River Delta.](#)" *International Journal of Water Resources Development*, 34(4): 525-546.

Technology and smart cities

31. **Hartley, Kris.** (2024). "State-society relations in smart cities: a survey of public awareness and government communication." *Data & Policy*.
30. **Hartley, Kris.** (2023). "[Public Perceptions About Smart Cities: Governance and Quality-of-Life in Hong Kong.](#)" *Social Indicators Research*, 166: 731–753.
20. **Hartley, Kris.** (2021). "[Public Trust and Political Legitimacy in the Smart City: a Reckoning for Technocracy.](#)" *Science, Technology, & Human Values*, 46(6): 1286-1315.
28. **Hartley, Kris.** (2021). "[Infrastructure and SDG Localization: the 21st Century Mandate.](#)" *Environmental Research: Infrastructure and Sustainability*, 2(1): 013001.
27. Vu, Minh Khuong; **Hartley, Kris**; Kankanhalli, Atreyi. (2020). "[Predictors of Cloud Computing Adoption: A Cross-Country Study.](#)" *Telematics and Informatics*, 52: 101426.
26. Kuecker, Glen and **Hartley, Kris.** (2019). "[How Smart Cities Became the Urban Norm: Power and Knowledge in New Songdo City.](#)" *Annals of the American Association of Geographers*, 110(2): 516-524.
25. **Hartley, Kris**; Woo, J.J.; Chung, Sun Kyo. (2018). "[Urban Innovation Policy in the Post-developmental Era: Lessons from Singapore and Seoul.](#)" *Asia & the Pacific Policy Studies*, 5(3): 599-614.
24. Vu, Minh Khuong and **Hartley, Kris.** (2017). "[Promoting Smart Cities in Developing Countries: Policy Insights from Vietnam.](#)" *Telecommunications Policy*, 42(10): 845-859.

Global governance and development

23. **Hartley, Kris** and Aldag, Austin. (2022). "[The Impact of Governance Effectiveness on Economic Growth: Insights from the Vietnam Provincial Competitiveness Index 2007-17.](#)" *Journal of Southeast Asian Economies*, 39(2): 111-126.
22. Acuto, Michele; Kosovac, Anna; **Hartley, Kris.** (2021). "[City Diplomacy: Another Generational Shift?](#)" *Diplomatica: A Journal of Diplomacy and Society*, 3(1): 137-146.
21. Kosovac, Anna; **Hartley, Kris**; Acuto, Michele; Gunning, Darcy. (2021). "[City Leaders Go Abroad: a Survey of City Diplomacy in 47 cities.](#)" *Urban Policy and Research*, 39(2): 127-142.
20. **Hartley, Kris.** (2020). "[The Epistemics of Policymaking: from Technocracy to Critical Pragmatism in the UN Sustainable Development Goals.](#)" *International Review of Public Policy*, 2(2): 233-244.
19. Lin, Justin Yifu; Vu, Minh Khuong; **Hartley, Kris.** (2018). "[A Modeling Framework for Enhancing Aid Effectiveness.](#)" *Journal of Economic Policy Reform*, 23(2): 138-160.

Public health policy and Covid-19

18. Martin, Aaron; Mikolajczak, Gosia; Baekkeskov, Erik; **Hartley, Kris.** (2022). "[Political Stability, Trust and Support for Public Policies: a Survey Experiment Examining Source Effects for COVID-19 Interventions in Australia and Hong Kong.](#)" *International Journal of Public Opinion Research*, 34(3): 1-10.
17. Sajadi, Hamid and **Hartley, Kris.** (2021). "[COVID-19 Pandemic Response in Iran: a Dynamic Perspective on Policy Capacity.](#)" *Journal of Asian Public Policy*, 15(2): 228-249.
16. **Hartley, Kris**; Bales, Sarah; Singh, Azad Bali. (2021). "[COVID-19 Response in a Unitary State: Emerging Lessons from Vietnam.](#)" *Policy Design and Practice*, 4(1): 152-168.

15. El-Taliawi, Ola and **Hartley, Kris**. (2020). "[The COVID-19 Crisis and Complexity: a Soft Systems Approach](#)." *Journal of Contingencies and Crisis Management*, 29(1): 104-107. (Recognized by Wiley Publishing as a top-cited article in 2021-2022)
14. **Hartley, Kris** and Vu, Minh Khuong. (2020). "[Fighting Fake News in the Covid-19 Era: Policy Insights from an Equilibrium Model](#)." *Policy Sciences*, 53(4): 735-758.
13. **Hartley, Kris** and Jarvis, Darryl. (2020). "[Policy Making in a Low Trust State: Legitimacy, State Capacity, and Responses to Covid-19 in Hong Kong](#)." *Policy and Society*, 39(3): 403-423.

Other themes

12. **Hartley, Kris**. (2023). "[Owning the Libs: Post-truth in Right-wing Political Discourse](#)." *International Review of Public Policy*, 5(1).
11. **Hartley, Kris**. (2023). Book review: "[Frank Fischer, Truth and Post-Truth in Public Policy: Interpreting the Arguments](#)." *International Review of Public Policy*, 4(3): 377-381.
10. **Hartley, Kris**. (2022). "[Public Policy Education in Asia: Convergence and Divergence](#)." *Journal of Asian Public Policy*, 16(1).
9. Vu, Minh Khuong and **Hartley, Kris**. (2022). "[Sources of Transport Sector Labor Productivity Performance in Industrialized Countries: Insights from a Decomposition Analysis](#)." *Transport Policy*, 129: 204-218.
8. Ungsuchaval, Theerapat; Boossabong, Piyapong; **Hartley, Kris**. (2022). "[Public Policy Education in Thailand: From Caged Pedagogy to Disciplinary Independence?](#)" *Journal of Asian Public Policy*, 16(1): 75-95.
7. **Hartley, Kris** and Howlett, Michael. (2021). "[Policy Assemblages and Policy Resilience: Lessons for Non-design from Evolutionary Governance Theory](#)." *Politics and Governance*, 9(2): 451-459.
6. Vu, Minh Khuong and **Hartley, Kris**. (2021). "[Drivers of Growth and Catch-up in the Tourism Sector of Industrialized Economies](#)." *Journal of Travel Research*, 61(5): 1156-1172.
5. **Hartley, Kris** and Jarvis, Darryl. (2021) "[Let Nine Universities Blossom: Opportunities and Constraints on the Development of Higher Education in China](#)." *Higher Education Research and Development*, 41(5): 1542-1556.
4. **Hartley, Kris**. (2018). "[Cultural Policy and Collaboration in Seoul's Mullae art district](#)." *Geoforum*, 97: 177-188.
3. **Hartley, Kris**. (2018). "[State-society Negotiation of Urban Cultural Space: the Case of Angono, Philippines](#)." *City, Culture and Society*, 15: 45-52.
2. Im, Tobin and **Hartley, Kris**. (2017). "[Aligning Needs and Capacities to Boost Government Competitiveness](#)." *Public Organization Review*, 19(1): 119-137.
1. **Hartley, Kris**. (2016). "[Strike Two for Urban Revitalization](#)." *Planning* (American Planning Association), 82(2): 56. (<http://bit.ly/1UQ2fE2>)

Book chapters

19. **Hartley, Kris**. (2024). "Public Policy for Sustainability in Asia." In Poocharoen, O., Boossabong, P., and Chamchong, P. (eds.), *Handbook of Public Policy in Asia*. Cheltenham: Edward Elgar. (forthcoming)

18. Reshetova, Elena and **Hartley, Kris**. (2024). "Strengthening Governance Accountability in Smart Cities: the Case of Urban Energy Transition in Jakarta, Indonesia." In Zaidan, E., Ibrahim, I. A., and Azar, E. (eds.), *Smart Cities to Smart Societies: Moving Beyond Technology*. London: Routledge Press. (forthcoming)
17. **Hartley, Kris**. (2024). "The Impact of Social Media, 'Fake News,' and Disinformation on Policy Advice." In Howlett, M. and Mukherjee, I. (eds.), *Handbook of Policy Advice*. Cheltenham: Edward Elgar. (forthcoming)
16. Tortajada, Cecilia; **Hartley, Kris**; Ong, Corrine, and Arora, Ojasvee. (2024). "[A Review of Alternative Water Supply Systems in ASEAN](#)." In *Oxford Research Encyclopedia of Environmental Science*. Oxford University Press. ISBN: 9780199389414.
15. **Hartley, Kris** and El-Taliawi, Ola. (2023). "[Complexity and Uncertainty in Late-Stage Technocracy: The Case of Urban Sustainability](#)." In Hamdan, M., Anshari, M., Ahmad, N., and Ali, E.Z.H. (eds.), *Public Policy's Role in Achieving Sustainable Development Goals*. IGI Global. DOI: 10.4018/978-1-6684-8903-1.ch001. Google Books [link](#). Full text [link](#).
14. **Hartley, Kris**. (2022). "[Illuminating the Dark Corners of Policy Capacity: Trust and Crisis Response](#)." In Im, Tobin et al., eds. *Performance of 10 years of research on government competitiveness*. Published by the Graduate School of Public Administration, Seoul National University, p. 84-106. Funded by the National Research Foundation of Korea and Ministry of Education of Korea. ISBN: 9788963475103. Available at National Assembly Library of Korea: <http://dl.nanet.go.kr/SearchDetailView.do?cn=MONO12022000060471>
13. **Hartley, Kris**. (2022). "[Smart and Sustainable? Capitalism and city futures in the age of crisis](#)." In Mori, H., Yoshida, T., and Anttiroiko, A. (eds.), *City, Public Value, and Capitalism: New Urban Visions and Public Strategies*. Evanston, IL: Northwestern University Libraries & Roberta Buffett Institute for Global Affairs, p. 239-256.
12. **Hartley, Kris** and Im, Tobin. (2022). "[The Narrative Hegemony of Smart Governance: Social Change Through a Critical Theoretical Perspective](#)." In Baikady, R., Sajid S.M., Przeperski, J., Nadesan, V., Islam, M.R., and Gao J. (eds.), *The Palgrave Handbook of Global Social Change*. London: Palgrave Macmillan.
11. Kuecker, Glen and **Hartley, Kris**. (2021). "[How Smart Cities Became the Urban Norm: Power and Knowledge in New Songdo City](#)." In Bian, L. (ed.), *Smart Spaces and Places*. New York: Routledge Press. (reprint from journal article)
10. **Hartley, Kris** and Ahmad, Norainie. (2021). "[Neo-professionalization of the Civil Service: an Institutional Perspective](#)." In Brik, A. and Pal, L. (eds.), *The Future of the Policy Sciences*. Cheltenham: Edward Elgar.
9. Kuecker, Glen and **Hartley, Kris**. (2021). "[Disaster Risk Reduction and the Development Narrative: Towards a New Public Policy Epistemic](#)." In Brik, A. and Pal, L. (eds.), *The Future of the Policy Sciences*. Cheltenham: Edward Elgar.
8. **Hartley, Kris**. (2020). "[Environmental Resilience and Intergovernmental Collaboration in the Pearl River Delta](#)." In Tortajada, C., Horne, J., and Harrington, L. (eds.), "Urban Resilience to Droughts and Floods." Routledge Press. ISBN 9780367583279. (reprint from journal article)
7. **Hartley, Kris**. (2020). "[Fortress Infrastructure and the Future of Urban Policy: a Playful Prediction](#)." In Derrible, S. and Chester, M. (eds.), *Urban Infrastructure for 2100*. pp. 81-84.
6. Singh, Rumit Kakar and **Hartley, Kris**. (2020). "[Failed Healthcare in India: Looking Behind the Urban-focused Narrative](#)." In Hartley, K., Kuecker, G., Woo, J.J., and Phua, C. (eds.), *Governing Cities: Asia's Urban Transformation*, London: Routledge Press.

5. Zhang, Jingru and **Hartley, Kris**. (2020). "[Muddling through the garbage: Household recycling in newly developed Asian cities](#)." In Hartley, K., Kuecker, G., Woo, J.J., and Phua, C. (eds.), *Governing Cities: Asia's Urban Transformation*, London: Routledge Press.
4. **Hartley, Kris**. (2020). "[New Asian Statism: towards an understanding of Asia's 21st century urban transformation](#)." In Hartley, K., Kuecker, G., Woo, J.J., and Phua, C. (eds.), *Governing Cities: Asia's Urban Transformation*, London: Routledge Press.
3. **Hartley, Kris**. (2020). "[The Politics and Policies of Regional Water Management in Southern China](#)." In Ranjan, A. (ed.), *Water issues in the Himalayan region*. Singapore: Palgrave Macmillan. pp. 77-102.
2. Vu, Minh Khuong and **Hartley, Kris**. (2019). "[Learning to Catch up in South East Asia](#)." In Oqubay, A. and Ohno, K. (eds.), *How Nations Learn: Technological Learning, Industrial Policy, and Catch-up*. Oxford University Press. pp. 262-284.
1. **Hartley, Kris** and Zhang, Jingru. (2017). "[Measuring Policy Capacity Through Governance Indices](#)." In Howlett, M., Ramesh, M., and Wu, X. (eds.), *Policy Capacity and Governance: Assessing Governmental Competences and Capabilities in Theory and Practice*. London: Palgrave Macmillan, pp. 67-97. ISBN 978-3-319-54674-2.

Books

2. **Hartley, Kris** and Kuecker, Glen. (2021). [Disrupted Governance: towards a New Policy Science](#). Cambridge, UK: Cambridge University Press (Elements Series).
1. **Hartley, Kris**. (2014). [Can Government Think? Flexible Economic Opportunism and the Pursuit of Global Competitiveness](#). New York: Routledge Press. ISBN: 1138782750 / 978-1138782754.

Edited volume

- Hartley, Kris**; Kuecker, Glen; Waschak, Michael; Woo, J.J.; Phua, Charles (eds.). (2020). [Governing Cities: Asia's Urban Transformation](#). London: Routledge Press. ISBN: 978-1-138-34188-3.

Other research and consulting publications

20. **Hartley, Kris**. (2024). "OECD: Measuring the impacts of water governance." Paris: International Water Resources Association (IWRA) Policy Brief. (forthcoming)
19. **Hartley, Kris**. (2024). "Smart water management: turning technology into sustainability?" Paris: International Water Resources Association (IWRA) Policy Brief. (forthcoming)
18. **Hartley, Kris**. (2023). "[Urban revitalization in the heartland: a 21st century perspective from Texas](#)." *Greater Waco Business* (Greater Waco Chamber of Commerce), p. 7-13. (PDF: http://www.krishartley.com/wp-content/uploads/2024/02/Hartley_Urban-revitalization-Texas.pdf)
17. **Hartley, Kris**. (2023). "[Definition: New Public Management](#)." In Van Assche, Kristof; Beunen, Raoul; Duineveld, Martijn (eds.), *Elgar Encyclopedia of Urban and Regional Planning and Design*." Cheltenham, U.K.: Edward Elgar, p. 256-258. ISBN: 978 1 80088 899 9.
16. **Hartley, Kris**. (2023). "[Yunchan Lim and the Rachmaninoff Third Piano Concerto](#)." *The Massachusetts Review*.
15. **Hartley, Kris**. (2023). "[Aligning ESG and SDGs at the Urban Level](#)." *Chicago Council on Global Affairs*.
14. **Hartley, Kris** (ed.). (2022). "[Power and Water Diplomacy](#)." Paris: International Water Resources Association (IWRA) Policy Brief #19.

13. **Hartley, Kris** (ed.). (2022). “[How can science better inform public policy, governance and capacity building for water, food, and health?](#)” Paris: International Water Resources Association (IWRA) Policy Brief #17.
12. **Hartley, Kris** (ed.). (2020). “[Groundwater governance, management & policy.](#)” Paris: International Water Resources Association (IWRA) Policy Brief #10.
11. Kara DiFrancesco and **Kris Hartley** (eds.). (2020). “[Climate change effects on groundwater resilience: Pollution and remediation.](#)” Paris: International Water Resources Association (IWRA) Policy Brief #8.
10. Vu, Minh Khuong and **Hartley, Kris**. (2020). “[A New Consensus for Economic Growth in the 21st Century.](#)” *Ethos* (journal of the Civil Service College of Singapore). Digital Issue Special Edition.
9. Kosovac, Anna, **Hartley, Kris**, Gunning, Darcy, and Acuto, Michele. (2020). “[Conducting city diplomacy: a survey of international engagement in 47 cities.](#)” *Melbourne Centre for Cities* at the University of Melbourne and *Chicago Council on Global Affairs*.
8. **Hartley, Kris**. (2019). “[Global Goals, Global Cities: Achieving the SDGs through collective local action.](#)” *Chicago Council on Global Affairs*.
7. **Hartley, Kris**. (2019). “[Unlocking the Potential of Civic Technology.](#)” *Chicago Council on Global Affairs*.
6. Vu, Minh Khuong and **Hartley, Kris**. (2017). “[Towards a Policy Framework for Promoting Cloud Computing Adoption in Developing Countries.](#)” *Microsoft Corporation: Technology, Academics, Policy*.
5. Araral, Eduardo; Li, Hui; Vu, Minh Khuong; **Hartley, Kris**. (2017). “[Has China's Anti-Corruption Campaign Slowed Down Growth?](#)” *Lee Kuan Yew School of Public Policy Research Paper No. 17-29*.
4. Araral, Eduardo; Aye, Theta; **Hartley, Kris**; Ng, Reuben; Vu, Minh Khuong. (2017). “[A Cloud for Doing Good: A Technology Revolution for All in ASEAN.](#)” *Microsoft Corp. and National Univ. of Singapore*.
3. **Hartley, Kris**. (2015). “[Agenda Setting in Polycentric Systems: A Theoretical Synthesis to Analyze Environmental Governance.](#)” *Lee Kuan Yew School of Public Policy Research Paper No. 15-11*.
2. Araral, Eduardo and **Hartley, Kris**. (2013). “[Polycentric Governance for a New Environmental Regime: Theoretical Frontiers in Policy Reform and Public Administration.](#)” with Eduardo Araral (NUS). *Conference paper: First International Conference on Public Policy, Grenoble, France, June*.
1. **Hartley, Kris**. (2009). “[Transforming the Housing Crisis in Richmond, California.](#)” *Urban Habitat: Richmond Equitable Development Initiative (REDI), Oakland, California, March*.

PROJECT AND CONSULTING ENGAGEMENTS

2024	Expert Reviewer , United Nations, Global Environment Outlook (GEO-7) assessment report
2021-2022	Consultant , Huawei Asia Pacific, Report: “ICT Infrastructure Development and Digital Transformation in the Philippines: A Diagnostic Review and Policy Recommendations.” Co-authored with faculty at the National University of Singapore.
2022	Expert Reviewer , United Nations, Sixth Assessment Report of the IPCC (Intergovernmental Panel on Climate Change)
2021	Panelist , Expert Group, ASEAN Sustainable Urbanisation Forum (ASUF), United Nations Human Settlements Programme (UN-Habitat), Regional Office for Asia and the Pacific
2021	Technical Reviewer , United Nations, Future of the Global Environment Outlook discussion document
2021	Technical Reviewer , United Nations, Global Environment Outlook, GEO for Business report
2020	Technical Reviewer , United Nations, Future of the Global Environment Outlook discussion document

2020 **Technical Reviewer**, United Nations, Global Environment Outlook, GEO for Cities report
 2019-2020 **Co-investigator**, Smart ASEAN Socio-Cultural Community Roadmap (ASEAN Secretariat)
 2018 **Technical Reviewer**, United Nations, Global Environment Outlook (GEO-6) assessment report
 2018 **Technical Reviewer**, United Nations Development Programme (UNDP) in Kazakhstan
 2016-2017 **Faculty Fellow**, Cornell University, Atkinson Center for a Sustainable Future
 2014 **Advisor/Research Associate**, The Mori Memorial Foundation (Japan)
 2010-2012 **Senior Consultant**, Synergine Group, Clients: New Zealand Government; Auckland Council
 2009 **Analyst Intern**, United States Government Accountability Office
 2009-2010 **Research Associate**, University of California, Berkeley, Institute of Urban and Regional Dvt.
 2009 **Research Associate**, Urban Habitat (Oakland, California), Richmond Equitable Dvt. Initiative

EDITORSHIP AND ACADEMIC SERVICE

2024-pres. **Member, Editorial Board**, Springer book series *Water Resources Development and Management*
 2023-pres. **Member, Editorial Board**, [Australian Journal of Public Administration](#)
 2023-pres. **Member, Editorial Board**, [International Journal of Water Resources Development](#)
 2023-pres. **Committee Member**, International Political Science Association, Research Committee for Technology and Development (RC35)
 2023-2024 **Board Member**, [Southeast Asia Research Center](#), City University of Hong Kong
 2022-pres. **Member, Editorial Board**, [Journal of Circular Economy](#)
 2021 **Editor**, special issue of *Journal of Asian Public Policy*: “Policy Education, Public Policy Schools, and Pedagogy in Asia: An Emerging Regional Discipline?”
 2020-pres. **Policy Briefs Editor**, [Water International](#) journal (International Water Resources Association)
 2020-pres. **Associate Editor**, [Policy and Society](#) journal
 2020 **Chief-editor**, two special issues of *Policy Design and Practice* journal addressing COVID-19 policy response: [Vol. 3\(3\)](#) and [Vol. 4\(1\)](#)
 2019-pres. **Assistant Editor**, [Policy Design and Practice](#) journal
 2012-2014 **Associate Editor**, *Asian Journal of Public Affairs*

SOLE-AUTHORED OP-EDS (selected)

“Dry humor: aquathoritarian cities pretend to be water-smart.” *Water Alternatives*, 15 Nov 2023. (<https://www.water-alternatives.org/index.php/blog/smart>)
 “Trash to treasure: A vision of no waste in Southeast Asia.” *The Straits Times* (Singapore), 26 Sept 2023. (<https://www.straitstimes.com/opinion/trash-to-treasure-a-vision-of-no-waste-in-south-east-asia>) Full text: www.krishartley.com/wp-content/uploads/2023/09/Hartley_Circular-economy_Straits-Times_Sept-2023.pdf
 “Are Hong Kong’s pigeon policies persuasive, or just a flight of fancy?” *Hong Kong Free Press*, 11 June 2023. (<https://hongkongfp.com/2023/06/11/are-hong-kongs-pigeon-policies-persuasive-or-just-a-flight-of-fancy/>)
 “Hong Kong’s long road to being a smart city must be worth the cost.” *South China Morning Post*, 18 April 2023. (<https://www.scmp.com/comment/opinion/article/3217287/hong-kongs-long-road-being-smart-city-must-be-worth-cost>)

- “Hong Kong’s smart city dreams need trust, not just new tech, to succeed.” *South China Morning Post*, 29 Nov 2021. (<https://www.scmp.com/comment/opinion/article/3157473/hong-kongs-smart-city-dreams-need-trust-not-just-new-tech-succeed>)
- “Smart cities in a post-pandemic world.” *Policy Forum* (ANU), 23 July 2020. (<https://www.policyforum.net/smart-cities-in-a-post-pandemic-world/>)
- “Plastic bans in Asia: weak tea for complex problems.” *East Asia Forum* (ANU), 13 Feb 2020. (<https://www.eastasiaforum.org/2020/02/13/plastic-bans-in-asia-weak-tea-for-complex-problems/>); *The Diplomat*, 19 Feb 2020. (<https://thediplomat.com/2020/02/why-asia-needs-to-move-beyond-plastic-bags-bans/>)
- “Technocracy: a solution or a problem of its own?” *Policy Forum*, 10 Dec 2019. (<https://www.policyforum.net/technocracy-a-solution-or-a-problem-of-its-own/>)
- “What can the fourth industrial revolution do for sustainable development?” *Fair Observer*, 1 Oct 2019. (<https://www.fairobserver.com/business/technology/4ir-fourth-industrial-revolution-asean-un-sustainable-development-tech-news-17761/>)
- “Cities and the Sustainable Development Goals: getting vocal about going local.” *Policy Forum*, 27 Sept 2019. (<https://www.policyforum.net/cities-and-the-sustainable-development-goals/>)
- “What modern science can learn from indigenous knowledge.” *Fair Observer*, 10 June 2019. (https://www.fairobserver.com/more/global_change/science-indigenous-knowledge-earthquake-resilience-international-aid-news-17621/)
- “Rethinking earthquake resiliency.” *Japan Today*, 11 May 2017. (<https://japantoday.com/category/features/opinions/rethinking-earthquake-resiliency>)
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