

TERRY VAN GEVELT

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APPOINTMENTS

Singapore Management University

Associate Professor (with tenure) of Urban Sustainability. 2024–present.

Assistant Professor of Urban Sustainability. 2022–2023.

University of Hong Kong

Assistant Professor of Environmental Sustainability. 2017–2022.

University of Cambridge

Research Associate. 2013–2017.

ACADEMIC QUALIFICATIONS

University of Cambridge

PhD in Development Studies. 2010–2014.

MPhil in Development Studies. 2008–2009.

University of Warwick

BSc (Hons) in Economics. 2005–2008.

ADDITIONAL QUALIFICATIONS

2022. Fellowship, Higher Education Academy (FHEA), Advance HE.

2015. Certificate in Policy Evaluation Methods, University College London.

2015. Certificate in Impact Evaluation, University College London.

2012. Certificate in Discrete Choice Modelling, University College London.

SELECTED PEER-REVIEWED JOURNAL ARTICLES

*denotes first or joint-first authorship for co-authored articles

^denotes co-authorship with a directly supervised graduate student or postdoctoral fellow

2025^ (with C. Xiang). “China’s global leadership aspirations and domestic support for climate policy.” *Ecological Economics* 227(108440): 1-9.

2024* (with J. Yang et al.). “Using simulations of future extreme weather events to escape the resilience trap: Experimental evidence from Hong Kong.” *International Journal of Disaster Risk Reduction* 115(105020): 1-9.

2023* (with B.G. McAdoo et al.). Using virtual simulations of future extreme weather events to communicate climate change risk. *PLOS Climate* 2(2) e0000112: 1-13.

2022* (with T. Zaman et al.). Individual perceptions of climate anomalies and collective action: Evidence from an artefactual field experiment in Malaysian Borneo. *World Development Sustainability* 1(100031): 1-10.

**Winner of the 2022 Best Article Award

2022^ (with C. Xiang). Political signalling and emissions trading schemes in China: Insights from Guangdong Province. *Energy for Sustainable Development* 71: 307-314.

2022^ (with S.K. Kim et al.). Transboundary air pollution and cross-border cooperation: Insights from marine vessel emissions regulations in Hong Kong and Shenzhen. *Sustainable Cities and Society* 80(103774): 1-9.

2021^ (with S.K. Kim et al.). Urban agglomeration worsens spatial disparities in climate adaptation. *Scientific Reports* 11(8446): 1-11.

2020. The water-energy-food nexus: Bridging the science-policy divide. *Current Opinion in Environmental Science and Health* 13: 6-10.

2020^ (with C. Xiang). Central inspection teams and the enforcement of environmental regulations in China. *Environmental Science and Policy* 112: 431-439.

2020^ (with S.K. Kim et al.). Impacts of green infrastructure on flood risk perceptions in Hong Kong. *Climatic Change* 162: 2277-2299.

2020* (with T. Zaman et al.). End-user perceptions of success and failure: Narratives from a natural laboratory of rural electrification projects in Malaysian Borneo. *Energy for Sustainable Development* 59: 189-198.

2019* (with S. Larcom and P.W. She). The UK summer heatwave of 2018 and public concern over energy security. *Nature Climate Change* 9: 370-373.

2019 (with S. McGrane et al.). Scaling the nexus: Towards integrated frameworks for analysing water, energy and food. *The Geographical Journal* 185(4): 419-431.

2019* (with H. Abok et al.). Indigenous perceptions of climate anomalies in Malaysian Borneo. *Global Environmental Change* 58(101974): 1-13.

2019* (with S. Larcom). Do voluntary commons associations deliver sustainable grazing outcomes? An empirical study of England. *Environmental and Resource Economics* 73(1): 51-74.

2019 (with M.T. Safdar). Catching up with the 'Core': The nature of the agricultural machinery sector and challenges for Chinese manufacturers. *Journal of Development Studies* 56(7): 1349-1366.

2018* (with C. Canales Holzeis et al.). Achieving universal energy access and rural development through smart villages. *Energy for Sustainable Development* 43: 139-142.

2017* (with S. Larcom). Regulating the water-energy-food nexus: Interdependencies, transaction costs and procedural justice. *Environmental Science and Policy* 72: 55-64.

2017* (with C. Canales Holzeis et al). Indigenous community preferences for electricity services: Evidence from a choice experiment in Sarawak, Malaysia. *Energy Policy* 108: 102-110.

2016* (with C. Canales Holzeis et al.). Insights from an energy poor Rwandan village. *Energy for Sustainable Development* 32: 121-129.

2016* (with S. Larcom and A. Zabala). Precolonial institutions and deforestation in Africa. *Land Use Policy* 51: 150-161.

2014. Rural electrification and development in South Korea. *Energy for Sustainable Development* 23: 179-187.

2014. The role of state institutions in non-timber forest product commercialisation: A case study of *Tricholoma matsutake* in South Korea. *International Forestry Review* 16: 1-13.

2014. Community-based management of *Tricholoma matsutake*: A case study of South Korean mountain villages. *International Journal of the Commons* 8: 134-154.

2013. The economic contribution of non-timber forest products to South Korean mountain villager livelihoods. *Forests, Trees and Livelihoods* 22: 156-169.

SELECTED EDITED BOOKS OR BOOK CHAPTERS

2026 (ed. with W. Leal). *Implementing Sustainable Development at Universities in the Asia-Pacific Region*. Springer Nature (under contract).

2020. “Indigenous communities, ICT and rural development: Case studies in Tanzania and Sarawak, Malaysia.” In P.B. Anand et al. (ed.) *Handbook on BRICS and Emerging Economies*. Oxford: Oxford University Press.

2017 (with T. Chiurugi et al.). “Supporting smallholders in improving wheat cultivation.” In P. Langridge et al. (ed.) *Achieving Sustainable Cultivation of Wheat*. Cambridge: Burleigh Dodds Science Publishing.

SELECTED RESEARCH GRANTS

2024–2028. Climate Impact Science Research (CISR) Programme Grant, National Research Fund and National Environment Agency, Singapore. **Lead Principal Investigator**: Developing a risk assessment and communication platform to translate climate projections to policy. **S\$1,490,593**.

2024–2027. Academic Research Fund Tier 2, Ministry of Education. **Co-Principal Investigator**: Building a deeper long-term understanding of rainfall trends in Singapore, West Malaysia and Northern Sumatra. **S\$563,550**.

2024–2025. Academic Research Fund Tier 1, Ministry of Education. **Principle Investigator:** Practical challenges to interdisciplinary research in energy studies. **S\$65,000.**

2021–2024. General Research Fund, Research Grants Council of Hong Kong.

Principal Investigator: Using immersive virtual reality experiences of extreme weather events to communicate climate change risks in Hong Kong. **HK\$420,659.**

[Project role changed to Co-Investigator upon leaving the University of Hong Kong due to Research Grants Council regulations].

2021–2022. Public Policy Research Funding Scheme, Policy Innovation and Coordination Office, Government of the Hong Kong SAR. **Principal Investigator:** Shoves or nudges? Promoting behavioural change to tackle climate change in Hong Kong. **HK\$316,250.**

2019–2021. Provost’s Pre-emptive Retention Research Fund, University of Hong Kong.

Principal Investigator: Extreme weather events and climate change adaptation. **HK\$250,000.**

2019–2021. Cities 2050 Research Cluster PDF Scheme, University of Hong Kong.

Co-Principal Investigator: Hong Kong 2050 – Pathways to urban sustainability and environmental justice. **HK\$898,632.**

SELECTED AWARDS

2023–2026. Singapore Management University
Lee Kong Chian Fellowship. S\$50,000.

2022. Elsevier BV.

World Development Sustainability: 2022 Best Article Award.

2021. Junior Chamber International Malaysia

Sustainable Development Award for Most Outstanding Research Project.

2020. Universitas 21

Universitas 21 Fellowship Award. HK\$50,000.

2018. University of Hong Kong

Career and Professional Development Award. HK\$16,500.

2012. Korea Foundation

Field Research Award. KRW13,000,000.

OTHER POSITIONS AND AFFILIATIONS

2023–present. SMU Urban Institute

Urban Fellow, Urban Growth Pillar

2022–present. National University of Singapore

Associate, Asia Research Institute

2022–present. University of Technology Sarawak
Senior Research Associate, Advanced Centre for Sustainable Socio-Economic and Technological Development

2021–2022. Cornell University
External Affiliated Scholar, Southeast Asia Program

2017–2024. University of Cambridge
Fellow, Centre for Energy, Environment and Natural Resource Governance

2017–2019. University of Cambridge
Departmental Research Fellow, Department of Land Economy

2015–2017. University of Cambridge
Senior Member (retitled as Junior Research Fellow), St Edmund's College

2012. Seoul National University
Visiting Fellow, Kyujanggak Institute

TEACHING EXPERIENCE

Singapore Management University

2024–present. Climate Change: Past, Present and Future (Undergraduate/MOOC)
2024–present. Environmental Policy (Executive Development)
2024–present. Urban Sustainability (Taught Postgraduate)
2023–present. Introduction to Interdisciplinary Research (Research Postgraduate)
2023–2024. Studying Cities: Research Methods (Research Postgraduate)
2023–2024. Methods Across Majors: Interdisciplinary Research (Undergraduate)
2022–present. Big Questions (Undergraduate)

University of Hong Kong

2021–2022. Behavioural Public Policy (Undergraduate)
2019–2022. Program Evaluation (Taught Postgraduate)
2018–2022. An Introduction to Policy Evaluation (Undergraduate)
2018–2019. The Political Economy of International Development (Undergraduate)
2017–2020. Topics in Sustainable Development (Research Postgraduate)
2017–2018; 2021–2022. Environmental Policy (Undergraduate)
2017–2022. Capstone Research Supervisor (Undergraduate)

University of Cambridge

2014–2017. Institutions and Development (Taught Postgraduate)
2013–2016. Land Use Policy and Economic Development (Undergraduate)

POSTDOCTORAL AND GRADUATE STUDENT SUPERVISION

Singapore Management University

2025–2028. Ven Paolo B. Valenzuela. Postdoctoral Research Fellow

2024–2026. Hui Ying Pak. Postdoctoral Research Fellow

2024–2025. Yilin Wang. Postdoctoral Research Fellow

2024–2025. Zheng Ziheng. PhD Student Assistant.

University of Hong Kong

2019–2021. Seung Kyum Kim. Postdoctoral Research Fellow

Currently Assistant Professor at KAIST, South Korea

2018–2022. Chen Xiang. PhD Candidate

Currently Assistant Professor at Shanghai Jiao Tong University, China

SELECTED ACADEMIC SERVICE

Singapore Management University

Co-Chair of the Standing Search Committee 2024–present
College of Integrative Studies

Lead, Sustainable Cities Research Cluster 2024–present
College of Integrative Studies

Member, University Research Evaluation Committee 2024–present
Provost’s Office

Member, Task Force on Interdisciplinary Research and Teaching 2023–present
Provost’s Office

Admissions Interviewer 2023–present
College of Integrative Studies

Member, Wee Kim Wee Centre Alumni and External Relations Committee 2023–present
College of Integrative Studies

Member, Asian Urbanisms Programme Committee 2022–present
College of Integrative Studies

Member of the Standing Search Committee 2022–present
College of Integrative Studies

University of Hong Kong

Faculty Representative, weSERVE Forum 2021–2022
Vice-President’s Office

Advisory Board Member, Methods Hub 2020–2022
Faculty of Social Sciences

University of Cambridge

Acting Director of Studies for the BA in Land Economy 2012–2013
Jesus College, University of Cambridge

Admissions Interviewer for the BA in Land Economy 2011–2013
Jesus College, University of Cambridge

SELECTED SERVICE TO THE PROFESSION

External Grant Reviewer 2023–present
Economic and Social Research Council (ESRC), United Kingdom

Associate Editor 2017–2023
Energy for Sustainable Development (IF: 5.223), Elsevier B.V.

Referee 2013–present
Nature Human Behaviour; World Development; Sustainable Cities and Society; Cities; Climate and Development; Journal of Environmental Psychology; Journal of Environmental Planning and Management; Geoforum; African Geographic Review; Journal of Land Use Science; Energy; Science of the Total Environment; Ecosystem Services; Energy for Sustainable Development; Area Development and Policy; Journal of Transport Geography; China Review; Environment, Development and Sustainability; Ecological Economics; Forest Policy and Economics, Applied Economics

SELECTED KNOWLEDGE EXCHANGE ACTIVITIES

Media Appearances (television/podcast/online)

Are climate summits no longer working? (Channel News Asia), *Resilience Quest - Episode 2, Proofing a City* (Channel News Asia), *The Climate Conversations* (Channel News Asia), *Big Data: New Vision – How does extreme weather affect lunch?* (Channel 8)

Selected Media Coverage (written)

Channel News Asia, Bloomberg, Eco-Business, World Economic Forum, Sci-Dev

Selected Invited Talks and Panels (non-academic)

COP29 Singapore Pavillion (2024), Singapore International Water Week (2024), European Chamber of Commerce/European Union Delegation to Singapore (2024), Asia-Pacific Programme for Senior National Security Officers (2023), Conservancy Association (2021), British Consulate General to Hong Kong and Macau (2021), Italian Consulate General to Hong Kong and Macau (2021), Grundfos (2019)