

Li Chao (Mike)

Ph.D. · Visiting Assistant Professor, Kyushu University · Chief Data Scientist & Head of AI Research, aiESG Inc.

Email: li.chao.650@m.kyushu-u.ac.jp · c.li@aiesg.co.jp

Phone: (+81) 090-8304-8953

Personal Information

Name	Li Chao
Gender	Male
Date of Birth	March 26, 1994
Nationality	Chinese
Political Affiliation	Member of the Communist Party of China
Phone	(+81) 090-8304-8953
Address	Room E1001, Building 1, 744 Motooka, Nishi-ku, Fukuoka, Japan
Email	li.chao.650@m.kyushu-u.ac.jp (academic) · c.li@aiesg.co.jp (work)
Homepage	https://github.com/MichaelChaoLi-cpu
Languages	Chinese (native) · English (fluent academic writing and communication) · Japanese (working communication)

Profile

I have long worked at the intersection of artificial intelligence, geoscience, and sustainability economics. Over the past three years, my work has followed two main tracks: research-data infrastructure and empirical research. First, I have built large-scale research infrastructure, including a multilingual global news corpus of approximately 200 million articles, a global well-being micro-database covering tens of millions of respondents, an integrated global geospatial data system, and an automated Google Gemini-based AI Agent for cross-survey data harmonization. Second, I have used this infrastructure to sustain a high-output empirical research program. I have published 30 peer-reviewed articles, **including 26 first-author papers, all in JCR Q1 journals**. I also **have 28 first-author manuscripts under review or in final preparation, one registered patent, seven filed or published patent applications, and one R package published on CRAN**. In parallel, I maintain long-term collaborations with universities in China and abroad, the Asian Development Bank, and other international research teams. In a university position, I intend to develop these data platforms, research tools, and collaborative networks into a stable laboratory system supporting graduate education and the sustained production of high-quality research.

Research Output and Core Strengths

1. Large-Scale Research Data Infrastructure Built

- **Global News Corpus (GNews; operational):** A multilingual global news database containing approximately 200 million articles from the past five years. It is hosted on a dedicated PostgreSQL server, updated daily, and used primarily for ESG text modeling, financial event studies, and social-risk modeling.

- **Global Micro-Survey Database (under alignment):** A cross-country, individual-level micro-database integrating the Gallup World Poll (2005–2024), the Global Flourishing Study, UNICEF Multiple Indicator Cluster Surveys (MICS), and other large-scale surveys covering multiple developing countries, with tens of millions of respondents in total. Access to the raw survey data is supported through collaboration with senior economists at the Asian Development Bank (ADB). Cross-survey variable harmonization is in progress, with a coordinated series of studies on global well-being, public policy, environmental greenness, and climate-health expected in 2026–2027.
- **Global High-Resolution Geospatial Data System (operational):** Satellite remote-sensing data, economic and environmental spatial simulations, population, land cover, air pollution, and environmental greenness data have been harmonized into a unified system. It supports global monthly temperature projections at 5-km resolution for 2000–2100, as well as city- and grid-level population projections. A 500-m downscaled version is scheduled for completion in 2026.
- **Social Risk Database (SRDB; deployed):** Built on GNews to extract firm-level social-risk signals across labor, community, and corporate-governance dimensions. The first working version has been deployed and remains under active optimization; version 2 will focus on improved entity disambiguation and risk-scoring methods.
- **Research Data Integration AI Agent (in development):** An automated research AI Agent system is being developed. Its first working version, built on Google Gemini, is already used to align and integrate cross-survey data in the global well-being micro-database, converting work that previously required months of manual coordination into a semi-automated process. Future agents will support literature screening, variable mapping, and robustness checks.
- **Open-Source Software:** Independently developed and maintain GWPR.light, now available on CRAN. It is the first R package for geographically weighted panel regression and has been applied across several of my studies.
- **Computing Resources:** A dedicated PostgreSQL data server stores and updates the large-scale news corpus; Google Cloud Platform compute engines support scalable model training and data processing; and a local high-performance computing cluster with 20 shared nodes, each equipped with four H100 GPUs, supports large-model experiments.

2. Publications, Patents, and Research Pipeline

- **First-Author Publications:** 26 first-author papers in JCR Q1 journals, including 11 in CAS Zone 1 journals; 18 were accepted during 2024–2026. Research productivity has increased substantially as the data infrastructure has matured.
- **Research Pipeline:** 28 additional first-author manuscripts are under review or in final preparation, spanning climate downscaling, ESG text analysis, global well-being econometrics, and population forecasting. The climate-downscaling work jointly uses satellite remote-sensing data and economic-environmental spatial simulations.

- **Patent Portfolio:** One registered Japanese patent and seven filed or published patent applications, including two WIPO/PCT international publications, plus one invention under patentability assessment. The portfolio covers ESG-tendency modeling, relevance and retrieval calculation, social-risk measurement, population forecasting, land-use forecasting, municipal fiscal forecasting, and city-level economy and workforce forecasting.
- **High-Impact Journals:** Recent work has appeared in Remote Sensing of Environment (IF 13.5), Sustainable Cities and Society (IF 12.0), Business Strategy and the Environment (IF 12.5), Journal of Cleaner Production (IF 10.0), Environmental Pollution (IF 8.9), Scientific Data (IF 8.5), Expert Systems with Applications (IF 7.5), and Cities (IF 6.0), among others.
- **Future Research Pipeline:** The main alignment work for the global micro-survey database is expected to be completed in 2026. Multiple first-author studies have already been designed or drafted and will form a coordinated series once data integration is complete.

Education

Ph.D., Urban Engineering and Economics — Kyushu University, Japan	2022
M.Arch., Architecture — Northwestern Polytechnical University, China	2019
B.E., Urban Planning — Qinghai University, China	2016

Academic & Industry Appointments

Academic Appointments

Visiting Assistant Professor — Kyushu University	2025.04 – Present
Special Assistant Professor — Kyushu University	2023.04 – 2025.03
Researcher — Kyushu University	2022.10 – 2023.04

Industry Appointments

Head of AI Research Department — aiESG Inc.	2026.01 – Present
Chief Data Scientist & Executive Board Member — aiESG Inc.	2025.01 – Present
AI Research Manager — aiESG Inc.	2024.04 – 2026.01
Data Scientist — aiESG Inc.	2023.04 – 2024.04

Research Interests

High-resolution long-term geographic prediction · Large Language Model (LLM) architecture design and training · Vision-Language Model (VLM) design and training · Remote sensing and big-data geoscience · AI Agent design · Vector databases and RAG · Human well-being and socio-environmental determinants · Air pollution, land use, and land cover · Population and temperature forecasting · Spatial statistics and econometrics.

Technical Expertise

- **Programming:** Python, R (CRAN package author), C/C++, SQL, Linux shell, Stata, Markdown, Google Cloud Platform.
- **Deep Learning:** Transformer and Mixture-of-Experts architecture design, custom loss functions, LLM/VLM pre-training and fine-tuning, RAG pipelines, and vector databases.
- **Geospatial & Statistical Methods:** Geographically weighted panel regression, spatially aware random forest / XGBoost, SHAP interpretation, spatial machine learning, and remote-sensing data fusion.
- **Systems & Products:** End-to-end AI product design and deployment, GPU-cluster operations, microservice and API architecture, and research-to-production pipeline design.

Ongoing & Recently Launched Research Projects

Deep Learning for Climate Forecasting (Transformer / MoE)

- Produced global monthly temperature forecasts at 5-km resolution for 2000–2100 using satellite remote-sensing data and economic-environmental spatial simulation data; 500-m downscaling and vegetation-index transfer learning are planned for 2026.
- Custom loss functions and MoE routing support scenario-aware prediction; the framework is named MIKE (manuscript under review).

Global Well-being Program — Data Alignment & Large-Scale Empirical Research

- Integrating the Gallup World Poll (2005–2024), the Global Flourishing Study, and large-scale survey data into a unified cross-country individual-level database covering tens of millions of respondents, in collaboration with senior economists at the Asian Development Bank (ADB).
- Cross-survey variable harmonization is driven by a Google Gemini-based automated AI Agent, compressing months of manual coordination into a reproducible semi-automated pipeline.
- Ten manuscripts have been drafted or are under review, covering gender, greenness, air pollution, loneliness, rural-urban disparities, and parent-child relationships. A larger coordinated series will follow once alignment is complete.

News-Driven Financial & ESG Time-Series Modeling

- Building an exploratory AI system on approximately 200 million global news articles to quantify the causal impact of individual news events on stock prices.
- Fine-tuning open-weight LLMs (deepseek-r1, gemma3, and gpt-oss families) for investor-sentiment and ESG-tone extraction, with benchmarking against classical baseline models in progress.

Research Team Leadership

- Lead a 10-person industry AI research team, supervise junior data scientists and research interns, and manage the full workflow from data ingestion and model training to first-author publication.

Publications

Peer-Reviewed Journal Articles (30 total; 26 first-author; all first-author papers JCR Q1; CAS classifications shown below)

Li, C. is the first author unless otherwise noted. Reverse chronological order; original English titles are retained.

2026

1. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. Beyond the heat: Nonlinear and uneven climate change impacts on mental health. *Sustainable Cities and Society* 141, 107273. <https://doi.org/10.1016/j.scs.2026.107273> (IF 12.0; JCR Q1).
2. **Li, C.**, Keeley, A. R., & Managi, S. A Link between ESG Topic Emphases in Security Report and Stock Price. *Journal of Cleaner Production* 552, 148017. <https://doi.org/10.1016/j.jclepro.2026.148017> (IF 10.0; JCR Q1).
3. Mi, J., **Li, C.**, & Rahut, D. B. Impact of climate change on farmland NPP: Evidence from multi-scenario projections in Japan. *Journal of Environmental Management* 398, 128452. <https://doi.org/10.1016/j.jenvman.2025.128452> (JCR Q1).
4. **Li, C.**, Keeley, A. R., & Managi, S. Demographic Decline and Resurgence in the Aging Century — Grid-level Population Tendency Grasped by Artificial Intelligence. *Humanities and Social Sciences Communications* 13, 601. <https://doi.org/10.1057/s41599-026-06605-5> (IF 3.7; JCR Q1).
5. **Li, C.**, Keeley, A. R., & Managi, S. Environmental Disclosure Dimensions and Japanese Firm Valuation: Volume, Sentiment, and Market Heterogeneity. *Business Strategy and the Environment*. <https://doi.org/10.1002/bse.71323> (IF 12.5; JCR Q1).
6. **Li, C.**, Keeley, A. R., & Managi, S. Corporate Governance Disclosure Volume, Sentiment, and Topic Tone: Heterogeneous Associations with Firm Valuation. *Strategic Business Research* 2, 100237. <https://doi.org/10.1016/j.sbr.2026.100237>
- 7.
8. **Li, C.**, Keeley, A. R., & Managi, S. Greenhouse gas emissions and GHG textual relevance in corporate annual reports (forthcoming).

2025

9. **Li, C.**, Keeley, A. R., & Managi, S. Impacts of community attachment and community livability on environmental activity according to XGBoost and SHAP. *Cities* 156, 105559. <https://doi.org/10.1016/j.cities.2024.105559> (IF 6.0; JCR Q1).
10. **Li, C.**, Keeley, A. R., & Managi, S. Human Mobility and Environmental Factors. *Journal of Industrial Ecology*. <https://doi.org/10.1111/jiec.70031> (IF 4.9; JCR Q1).
11. **Li, C.**, Keeley, A. R., & Managi, S. City-level Population Prediction in Japan from 2020 to 2100 by Machine Learning. *Expert Systems with Applications*. <https://doi.org/10.1016/j.eswa.2025.128005> (IF 7.5; JCR Q1).
12. **Li, C.**, Mi, J., Zhang, J., Shi, B., Keeley, A. R., & Managi, S. Low Well-Being among Middle-Aged People: Inherent or External Factors. *Humanities and Social Sciences Communications*. <https://doi.org/10.1057/s41599-025-05708-9> (IF 3.7; JCR Q1).
13. **Li, C.**, Keeley, A. R., & Managi, S. Forecasts and Insights into Japan's Fiscal Future: Machine Learning-Based Projections of City-level Taxpayer Numbers and Total Income from 2020 to 2100. *Machine Learning with Applications*. <https://doi.org/10.1016/j.mlwa.2025.100699> (IF 6.1; JCR Q1).

14. **Li, C.**, Keeley, A. R., & Managi, S. ESG emphasis of top companies in East and Southeast Asian countries unveiled by deep learning. *Green Technologies and Sustainability* 100296. <https://doi.org/10.1016/j.grets.2025.100296> (IF 12.2; JCR Q1).
15. **Li, C.**, & Managi, S. A spatial machine learning approach to valuing development and greenness in well-being. *Sustainable Cities and Society* 135, 107007. <https://doi.org/10.1016/j.scs.2025.107007> (IF 12.0; JCR Q1).

2024

16. **Li, C.**, Keeley, A. R., Takeda, S., Seki, D., & Managi, S. ESG Tendencies From News Investigated by AI Trained by Human Intelligence. *Business Strategy and the Environment*. <https://doi.org/10.1002/bse.4089> (IF 12.5; JCR Q1).
17. **Li, C.**, Keeley, A. R., Takeda, S., Seki, D., & Managi, S. Investor's ESG tendency probed by pre-trained transformers. *Corporate Social Responsibility and Environmental Management*. <https://doi.org/10.1002/csr.3055> (IF 8.3; JCR Q1).
18. **Li, C.**, & Managi, S. Mental health and natural land cover: a global analysis based on random forest with geographical consideration. *Scientific Reports* 14, 2894. <https://doi.org/10.1038/s41598-024-53279-7> (IF 4.6; JCR Q1).
19. Piao, X., **Li, C.**, & Managi, S. Infrastructure distribution in cities and the improvement of the well-being of citizens in Japan. *Sustainable and Resilient Infrastructure*, 1–15. DOI: 10.1080/23789689.2024.2403882.

2023

20. **Li, C.**, & Managi, S. Gridded Datasets for Japan: Total, Male, and Female Populations from 2001–2020. *Scientific Data* 10. <https://doi.org/10.1038/s41597-023-01989-4> (IF 8.5; JCR Q1).
21. **Li, C.**, & Managi, S. Natural land cover positively correlates with COVID-19 health outcomes. *BMC Public Health* 23(1). <https://dx.doi.org/10.1186/s12889-023-15484-3> (IF 4.5; JCR Q1).
22. **Li, C.**, & Managi, S. Income raises human well-being indefinitely, but age consistently slashes it. *Scientific Reports* 13(1). <https://dx.doi.org/10.1038/s41598-023-33235-7> (IF 4.6; JCR Q1).
23. **Li, C.**, & Managi, S. Inappropriate nighttime light reduces living comfort. *Environmental Pollution* 334, 122173. <https://doi.org/10.1016/j.envpol.2023.122173> (IF 8.9; JCR Q1).

2022 and earlier

24. **Li, C.**, & Managi, S. Impacts of air pollution on COVID-19 case fatality rate: a global analysis. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-021-18442-x> (IF 5.8; JCR Q2).
25. **Li, C.**, & Managi, S. Estimating monthly global ground-level NO₂ concentrations using geographically weighted panel regression. *Remote Sensing of Environment* 280, 113152. <https://doi.org/10.1016/j.rse.2022.113152> (IF 13.5; JCR Q1).
26. **Li, C.**, & Managi, S. Global malaria infection risk from climate change. *Environmental Research* 214, 114028. <https://doi.org/10.1016/j.envres.2022.114028> (IF 8.3; JCR Q1).
27. Keeley, A. R., **Li, C.**, Takeda, S., Gloria, T., & Managi, S. The Ultimate Owner of Environmental, Social, and Governance Investment. *Frontiers in Sustainability* 3. <https://doi.org/10.3389/frsus.2022.909239>.

28. Song, X., Lu, Y., **Li, C.**, Wang, F., & Zhao, X. Enhancing the mechanical stability of composite electrodes by regulating the volume of active material using a prelithiation strategy. *Journal of Energy Storage* 51, 104390. <https://doi.org/10.1016/j.est.2022.104390> (IF 10.7; JCR Q1).
29. **Li, C.**, & Managi, S. Land cover matters to human well-being. *Scientific Reports* 11. <https://doi.org/10.1038/s41598-021-95351-6> (IF 4.6; JCR Q1).
30. **Li, C.**, & Managi, S. Spatial Variability of the Relationship between Air Pollution and Well-being. *Sustainable Cities and Society* 103447. <https://doi.org/10.1016/j.scs.2021.103447> (IF 11.7; JCR Q1).
31. **Li, C.**, & Managi, S. Contribution of on-road transportation to PM2.5. *Scientific Reports* 11, 21320. <https://doi.org/10.1038/s41598-021-00862-x> (IF 4.6; JCR Q1).

Manuscripts Under Review / In Final Preparation (First Author)

1. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. MIKE: A Deep Learning Framework for High-Resolution, Scenario-Aware Temperature Prediction Using Satellite Remote-Sensing Data and Economic-Environmental Spatial Simulation Data.
2. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. Systematic Inconsistencies Between Economic-Environmental Spatial Simulations and Satellite Remote-Sensing Observations Across Historical and Scenario Periods.
3. **Li, C.**, Keeley, A. R., & Managi, S. Grid-level Land Cover Forecast during Long-Term Aging Society Powered by Deep Learning.
4. **Li, C.**, Keeley, A. R., & Managi, S. Long-term Forecasting of the City-level Economy and Workforce in an Aging Society via Machine Learning.
5. **Li, C.**, Keeley, A. R., & Managi, S. How Will the Households with Different Employment Status Distribute in Japan during the Depopulation Century.
6. **Li, C.**, Keeley, A. R., Takeda, S., Seki, D., & Managi, S. ESG Topics Relatedness from News and Stock Market Price Indicators.
7. **Li, C.**, Keeley, A. R., & Managi, S. ESG Risk Database Powered by Artificial Intelligence.
8. **Li, C.**, Keeley, A. R., & Managi, S. AI-Powered ESG Text Analysis: Corporate Reporting Tendency Pattern and Variation in East and Southern Asia.
9. **Li, C.**, Keeley, A. R., & Managi, S. Disaggregating Social Disclosure: Volume, Sentiment, and Topic-Specific Tone's Association with Market Capitalization in Japan.
10. **Li, C.**, & Managi, S. Reality Contradicts Maslow's Hierarchy of Needs.
11. **Li, C.**, & Managi, S. GWPR.light: An R Package for Geographically Weighted Panel Regression.
12. Mi, J.⁺, **Li, C.**⁺, Zhang, J., Shi, B., Keeley, A. R., Takeda, S., Seki, D., & Managi, S. Exploring Gender Disparities in Subjective Well-Being: The Impacts of Inherent and External Factors Across Global Contexts. (*co-first author)
13. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. Religious Social Engagement as a Social-Structural Mediator of Rural-Urban Well-being Disparities.
14. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. Rural-Urban Disparities in Loneliness: A Global Study on the Mediating Role of Social Support.

15. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. The Rural Happiness Paradox: Economic Insecurity and Social Support as Mediators of Global Rural-Urban Well-being Disparities.
16. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. Perceived Childhood Father and Mother Relationship Quality and Adult Life Satisfaction: Global Evidence and Cross-National Heterogeneity.
17. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. Behavioral Mediation of Air Pollution Impacts on Global Physical Health Using a Spatial Machine Learning Framework.
18. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. Where Do Gender Differences in Mental Health Come From? A Global Decomposition Analysis.
19. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. Greenness, Emotion, and Mental Health Across the World.
20. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. The Emotional Value of Air Pollution: Global Evidence from Machine Learning and Climate Projections.
21. **Li, C.**, Zhang, J., Keeley, A. R., & Managi, S. The Quantity of Leaves and the Quality of Life: Global Evidence on Leaf Area Index and Life Satisfaction.
22. **Li, C.**, et al. U.S. News Coverage of Energy Prices: Geopolitical Events, Media Discourse, and Differential ETF Market Responses.
23. **Li, C.**, et al. Business-Related ESG Disclosure and Market Capitalization: Channels of Influence and Heterogeneous Effects.
24. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. The Evolving Landscape of Energy Security in U.S. News Media: A Thematic and Geopolitical Analysis.
25. **Li, C.**, Mi, J., Keeley, A. R., & Managi, S. Thematic Shifts and Temporal Persistence in U.S. News Coverage of AI's Energy Consumption, 2021–2026.
26. **Li, C.**, Keeley, A. R., & Managi, S. Decomposing the Global Impact of Chronic Temperature on Physical Health: The Role of Symptomatic and Behavioral Mediators.
27. **Li, C.**, et al. Decarbonization Disclosure and Carbon Risk Discount in Japanese High-Emission Firms: The Mitigating Role of Risk Acknowledgment.
28. **Li, C.**, et al. Asymmetric Effects of ESG and Financial Performance News Sentiment on Energy Sector ETF Absolute Returns.

Open-Source Software

- **GWPR.light** — an R package for geographically weighted panel regression; published on CRAN. [CRAN link](#)

Other Publications (RIETI Discussion Papers)

Policy-oriented discussion papers published by the Research Institute of Economy, Trade and Industry (RIETI):

1. Mi, J., **Li, C.**, Zhang, J., Shi, B., Keeley, A. R., & Managi, S. Bridging the Gender Well-being Gap: The influence of societal and inherent factors. Research Institute of Economy, Trade and Industry, March 2025. <https://www.rieti.go.jp/en/publications/summary/25030003.html>

2. **Li, C.**, Mi, J., Zhang, J., Shi, B., Keeley, A. R., & Managi, S. Reevaluating Midlife Well-being: The role of external and inherent factors. Research Institute of Economy, Trade and Industry, February 2025.
<https://www.rieti.go.jp/en/publications/summary/25020015.html>
3. **Li, C.**, & Managi, S. Greenness and Nighttime Light Positively Affect Human Well-being: An empirical machine learning analysis. Research Institute of Economy, Trade and Industry, September 2022.
<https://www.rieti.go.jp/en/publications/summary/22090012.html>

Invention Patents (Japan Patent Office / WIPO)

1. **Li, C.**, Managi, S., Keeley, A. R., Takeda, S., & Seki, D. Information processing apparatus, information processing method, and computer program (CPT: ESG tendency analysis model). Japanese Application No. 2024-034858; Patent No. 7883264; registered June 23, 2026. Proprietors: Kyushu University and aiESG Inc.
2. **Li, C.**, Managi, S., Keeley, A. R., Takeda, S., & Seki, D. Relevance calculation device, retrieval device, method, and program (TMPT; basis for aiESG IR analysis). PCT/JP2025/031261; published as WO 2026/094421 A1.
3. **Li, C.**, Managi, S., Keeley, A. R., Takeda, S., & Seki, D. Social risk calculation device, social risk calculation method, and computer program (SRDB). Japanese Application No. 2024-215162; PCT/JP2025/032277; published as WO 2026/126597 A1; response to the Japanese office action due September 14, 2026.
4. **Li, C.**, et al. City-level Population Prediction in Japan from 2020 to 2100 by Machine Learning. Japanese Application No. 2025-185493; filed, examination pending.
5. **Li, C.**, et al. Demographic Decline and Resurgence in the Aging Century — Grid-level Population Tendency Grasped by Artificial Intelligence. Japanese Application No. 2026-002802; filed, examination pending.
6. **Li, C.**, et al. Grid-level Land Cover Forecast during Long-Term Aging Society Powered by Deep Learning. Japanese Application No. 2026-041012; filed, examination pending.
7. **Li, C.**, et al. Forecasts and Insights into Japan's Fiscal Future: Machine Learning-Based Projections of City-level Taxpayer Numbers and Total Income from 2020 to 2100. Japanese Application No. 2026-084046; filed, examination pending.
8. **Li, C.**, et al. Long-term Forecasting of the City-level Economy and Workforce in an Aging Society via Machine Learning. Japanese Application No. 2026-159819; filed, examination pending.
9. **Li, C.**, et al. How Will the Households with Different Employment Status Distribute in Japan during the Depopulation Century. Patentability under consideration; not yet instructed for filing.

Teaching & Academic Service

Lecturer — Data Science (Bachelor level), Kyushu University	2023.10 – 2023.12
Applied Geography course, Faculty of Engineering, Kyushu University	2022.10 – 2023.03
Urban Engineering (Master's level), Kyushu University	2022.10 – 2023.03
Research Assistant, Department of Urban Engineering and Economics	2021.10 – 2022.09

Peer-Review Service

Journal reviewer for: Journal of Cleaner Production · Cities · Scientific Reports · BMC Public Health · BMC Health Services Research · International Journal for Equity in Health · Environmental Earth Sciences · Carbon Balance and Management, among others.

Honors & Awards

First Prize, Academic Scholarship — Northwestern Polytechnical University	2016–2017
National Scholarship — Ministry of Education, China	2014–2015
National Encouragement Scholarship — Ministry of Education, China	2013–2014