

Xiang Li
Ph.D. Candidate

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Education

2022 - now	Ph.D. (pursing). Geography and Environmental Science and Policy, University of South Florida, United States
2018 - 2021	M.S. Cartography and Geographic Information Science, Northwest University, China
2014 - 2018	B.S. Physical Geography, Northwest University, China

Appointments

2025 - 2026	Graduate Teaching Associate , School of Geosciences, University of South Florida Instructor of Courses: EVR 4921: Environment Science and Policy Seminar (2025 Summer) GEO 4933: Geography Colloquium (2025 Summer) GEO 3164: Research Methods in Geography (2025 Fall)
2023 - 2025	Graduate Teaching Assistant , School of Geosciences, University of South Florida Teaching Assistant of Course: GEO 3164: Research Methods in Geography (2023 Fall, 2024 Fall, and 2025 Spring)
2022 - 2023	Graduate Research Assistant , School of Geosciences, University of South Florida
2021 - 2022	Research Assistant , Dept of Geography and Environment, Northwest University, China

Publications

2025	Li, X. Associations of Human Migration and Natural Disasters in the United States from 2000-2020. (In preparation)
2025	Li, X., Qiang, Y. (2025). Natural Disasters and Urban Human Mobility. In <i>Urban Human Mobility</i> (pp. 40-50). CRC Press.
2025	Zhang, Z., Li, X. , ... Xu, Q. (2025). A SAR-Based Flood Mapping Approach: Application of SAR-SIFT Registration and Modified DeepLabV3 Segmentation in Flood Hazard Assessment. <i>Geocarto International</i> , 40(1), p.2512188.

- 2025 Han, L., Qiang, Y., Ma, C., **Li, X.**, ... He, J. (2025). Spatial Pattern and Socioeconomic Factors of 2022 Monkeypox Outbreak in the United States. *The Professional Geographer*, 1–12.
- 2024 **Li, X.**, Qiang, Y., & Cervone, G. Using human mobility data to detect evacuation patterns in Hurricane Ian. *Annals of GIS*, 30(4), 493-511.
- 2022 **Li, X.**, Wang, N., & Wu, Y. Automated Glacier Snow Line Altitude Calculation Method Using Landsat Series Images in the Google Earth Engine Platform. *Remote Sensing*, 14(10), 2377.
- 2022 Fang, Z., Wang, N., **Li, X.**, Zhang, Y., Tai, X. Summer surface temperature change of Greenland Ice Sheet from 2000 to 2020 and its effect on mass balance. *Journal of Glaciology and Geocryology*, 44(3): 872-884. (In Chinese)
- 2020 **Li, X.**, Zhang, S., Liang, Q. Experiment on 3D Reconstruction of Small Four-rotor UAV Series Images. *Remote Sensing Information*, 2020(1): 135-141. (In Chinese)
- 2019 Zhang, W., Wang, N., **Li, X.**, Liu, K. Glacier Changes and Its Response to Climate Change in the Gilgit River Basin, Western Karakorum Mountains over the Past 20 Years. *Mountain Research*, 2019(3): 347-358.

Presentations

- 2025 **Xiang Li**, Yi Qiang, Lei Zou, Heng Cai. Associations of Human Migration and Natural Disasters in the United States from 2000-2020. **Annual Meeting of the Association of American Geographers.**
- 2024 **Xiang Li**, Yi Qiang. Unveiling Spatio-Temporal Changes of Human Migration and Networks in Natural Disasters and Climate Change. **Annual Meeting of the Association of American Geographers.**
- 2023 **Xiang Li**, Yi Qiang. Using Human Mobility Data to Detect Evacuation Patterns in Hurricane Ian. **Annual Meeting of the Association of American Geographers.**
- 2020 **Xiang Li**, Ninglian Wang, Zhijie Li. Monitoring the glacier changes since the early 1970s, eastern Pamir, China. *Northwest University Graduate Academic Activity Month*. (Second Prize)
- 2019 **Xiang Li**, Shiqiang Zhang. Experiment on 3D Reconstruction of UAV Series Images on Glacier. *Northwest University Graduate Academic Activity Month*. (Third Prize)

Professional Memberships

- 2024 - now GIS Club at University of South Florida, President
2022 - now Association of American Geographers (AAG)
2022 - 2024 GIS Club at University of South Florida, Vice president

Honors and Awards

- 2025 USF CPGP Travel Grant
2022 USF Graduate Fellowship, University of South Florida
2021 Outstanding Master Graduates in Department of Geography and Environment, Northwest University, China
2018 Outstanding Bachelor Graduates in Northwest University, China
2018 National Scholarship, China.
2018 National Undergraduate Innovation and Entrepreneurship Project. Project leader.
2017 “Challenge Cup” National College Student Business Plan Competition. Project Leader. Third Prize in Shaanxi Province and first prize in Northwest University.
2017 Students’ “Internet+” Innovation Entrepreneurship Competition. Project Leader Third Prize in Shaanxi Province and second prize in Northwest University.

Services

- 2024 Student assistant in AAG 2024 conference.
2023 Student member in the hiring committee for a visiting AP position, Geography and Environmental Science and Policy, University of South Florida.
2023 Directional Assistant during American Geographers Annual Conference.
2023 Vice President of GIS Club at University of South Florida.
2022 Member of American Association of Geographers.
2020 Member of conference affairs group in Symposium on Remote Sensing of Snow Cover Conference.
2019 Field surveyor of Water Supply Pipelines project in Northwest University, China.
2019 Assistant of Northwest University Graduate Academic Activity Month.
2018 Assistant of China Geography Annual Conference.