Mengmeng Li

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https://landbigdata.github.io

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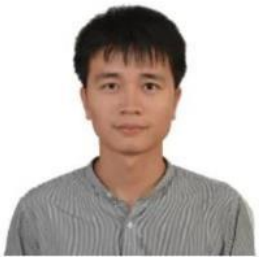

RESEARCH INTEREST

Land Use Science, Urbanization, Global Sustainability, Risk Assessments, Remote Sensing

EDUCATION

- Ph.D. (2017.11-) Institute for Environmental Studies, VU University Amsterdam, The Netherlands
- M.S. (2014.09-2017.06) School of Soil and Water Conservation, Beijing Forestry University, China
- B.S. (2010.09-2014.06) School of Surveying and Land Information Engineering, Henan Polytechnic University, China

PUBLICATION

Peer-reviewed Article (*Correspondence ★key publication**)**

- **Li, M.***, Verburg, P. H., & van Vliet, J. (2022). Global trends and local variations in land take per person. *Landscape and Urban Planning*, 218, 104308. [Link] [★]
- **Li, M.***, Koks, E., Taubenböck, H., & van Vliet, J. (2020). Continental-scale mapping and analysis of 3D building structure. *Remote Sensing of Environment*, 245, 111859. [Link] [★]
- **Li, M.**, Wang, Y., Rosier, J., Verburg, P.H. & van Vliet, J.* (2022). Global maps of 3D built-up patterns for urban morphological analysis. *International Journal of Applied Earth Observation and Geoinformation*, 114,103048. [Link]
- **Li, M.***, van Vliet, J., Ke, X., & Verburg, P. H. (2019). Mapping settlement systems in China and their change trajectories between 1990 and 2010. *Habitat International*, 94, 102069. [Link]
- Yue, W., Feng, B., Zhou, Q., Xu, R., & **Li, M.*** (accepted). An assessment of the Ecological Conservation Redline: Unlocking priority areas for conservation. Journal of Environmental Planning and Management. [Link]
- van Vliet, J.*, Birch-Thomsen, T., Gallardo, M., Hemerijckx, L., Hersperger, A., **Li, M.**, Tumwesigye, S., Twongyirwe, R., & van Rompaey, A. (2020). Bridging the rural-urban dichotomy in land use science. *Journal of Land Use Science*, 15(5), 585-591. [Link]
- Wei, J., Yue, W.*, **Li, M.**, & Gao, J. (2022). Mapping human perception of urban landscape from street-view images: A deep-learning approach. *International Journal of Applied Earth Observation and Geoinformation*, 112, 102886. [Link]
- Guo, A., Yue, W.*, Yang, J., He, T., Zhang, M., & **Li, M.** (2022). Divergent impact of urban 2D/3D morphology on thermal environment along urban gradients. *Urban Climate*. 45, 101278. [Link]

Working Manuscript

- To be released

REVIEW SERVICE

- Remote Sensing of Environment (5)
- Environment and Planning B: Urban Analytics and City Science (4)
- Habitat International (2)
- International Journal of Applied Earth Observation and Geoinformation (2)
- Journal of Land Use Science (2)
- Natural Hazards and Earth System Sciences (1)
- Nature Sustainability (1)
- World Development (1)

TECHNICAL SKILL

- Python (e.g., Pandas, Sci-kit learn, seaborn, ArcPy, and Google APIs)
- JavaScript (e.g., Leaflet, and Google Earth Engine)
- Geographical Information System (GIS)
- Adobe Suite (e.g., Photoshop, Illustrator, and Dreamweaver)

REFEREE

- On request