

Stanford



Haojie Wang

Postdoctoral Scholar, Medicine

Bio

BIO

Hi, I am a Postdoctoral Fellow at Stanford Data Science, with a joint appointment at School of Medicine. I am interested in using insights from data science and remote sensing to address the challenges of sustainable development. I develops GeoAI approaches for detecting labor trafficking in supply chains, population health monitoring, natural hazard forecasting, and advancing understanding of how environmental risks interact with human health.

HONORS AND AWARDS

- Stanford Impact Labs Fellowship, Stanford Impact Labs (2025)
- 2024 Best Paper Award of Engineering Geology, Elsevier (2024)
- Stanford Data Science Fellowship, Stanford Data Science (2023)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Hong Kong University Of Science & Technology (2020)
- Bachelor of Engineering, China Univ Of Geosciences (2016)

STANFORD ADVISORS

- Pascal Geldsetzer, Postdoctoral Faculty Sponsor

LINKS

- Personal Website: <https://haojie-w.github.io/>

Publications

PUBLICATIONS

- **Tunnel boring machine performance prediction using knowledge-driven transfer learning** *ACTA GEOTECHNICA*
Li, H., Li, X., Wang, H., Zhang, L., Chen, Z.
2025
- **Two-phase strategy for rapid and unbiased assessment of earthquake-induced landslides** *ENGINEERING GEOLOGY*
Xiao, S., Xiao, T., Jiang, R., Wang, H., Ju, L., Zhang, L.
2024; 336