Stanford

Meng Li

Postdoctoral Scholar, Geophysics

Bio

STANFORD ADVISORS

- Eric Dunham, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Frictional healing and induced earthquakes on conventionally stable faults.** *Nature communications*
  Li, M., Niemeijer, A. R., van Dinther, Y.
  2025; 16 (1): 9140

- **Community-Driven Code Comparisons for Simulations of Fluid-Induced Aseismic Slip** *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*
  Lambert, V. R., Erickson, B. A., Jiang, J., Dunham, E. M., Kim, T., Ampuero, J., Ando, R., Cappa, F., Dublanchet, P., Elbanna, A., Fialko, Y., Gabriel, A., Lapusta, et al
  2025; 130 (4)

- **Earthquake Nucleation and Slip Behavior Altered by Stochastic Normal Stress Heterogeneity** *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*
  Li, M., Niemeijer, A., van Dinther, Y.
  2025; 130 (1)

- **Estimating the occurrence of slow slip events and earthquakes with an ensemble Kalman filter** *GEOPHYSICAL JOURNAL INTERNATIONAL*
  Diab-Montero, H., Li, M., van Dinther, Y., Vossepoel, F. C.
  2023; 234 (3): 1701-1721

- **Incorporating Full Elastodynamic Effects and Dipping Fault Geometries in Community Code Verification Exercises for Simulations of Earthquake Sequences and Aseismic Slip (SEAS)** *BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA*
  Erickson, B. A., Jiang, J., Lambert, V., Barbot, S. D., Abdelmeguid, M., Almquist, M., Ampuero, J., Ando, R., Cattania, C., Chen, A., Dal Zilio, L., Deng, S., Dunham, et al
  2023; 113 (2): 499-523

- **Characteristics of Earthquake Cycles: A Cross-Dimensional Comparison of 0D to 3D Numerical Models.** *Journal of geophysical research. Solid earth*
  Li, M., Pranger, C., van Dinther, Y.
  2022; 127 (8): e2021JB023726

- **Community-Driven Code Comparisons for Three-Dimensional Dynamic Modeling of Sequences of Earthquakes and Aseismic Slip** *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*
  Jiang, J., Erickson, B. A., Lambert, V. R., Ampuero, J., Ando, R., Barbot, S. D., Cattania, C., Zilio, L., Duan, B., Dunham, E. M., Gabriel, A., Lapusta, N., Li, et al
  2022; 127 (3)