Stanford



Xinyi Qian

Postdoctoral Scholar, Geophysics

Bio

STANFORD ADVISORS

- Paul Segall, Postdoctoral Faculty Sponsor
- Adrian Lew, Postdoctoral Research Mentor

Publications

PUBLICATIONS

- **Static Stable Arching in Granular Materials Using Trapdoor Discrete-Element Simulations** *INTERNATIONAL JOURNAL OF GEOMECHANICS*
  Qian, X., Garcia, F. E., Bray, J. D.
  2026; 26 (2)
- **Discrete Element Investigation of the Role of Relative Density in Soil Arching Phenomena** *INTERNATIONAL JOURNAL OF GEOMECHANICS*
  Garcia, F. E., Qian, X., Bray, J. D.
  2025; 25 (10)