

Stanford



Qi Hu

Postdoctoral Scholar, Energy Science and Engineering

Bio

BIO

I am a postdoctoral scholar collaborating with Tapan Mukerji on developing innovative workflows for monitoring subsurface CO₂ sequestration. My research primarily involves integrating advanced seismic inversion techniques, such as full-waveform inversion, with rock physics and fluid dynamics to glean insights into subsurface structures and behaviors. Additionally, I am intrigued by the potential of distributed acoustic sensing and machine learning algorithms in various topics related to energy transition.

PROFESSIONAL EDUCATION

- PhD, University of Calgary , Geophysics (2023)

STANFORD ADVISORS

- Tapan Mukerji, Postdoctoral Faculty Sponsor