

# Stanford

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## Qi Hu

Postdoctoral Scholar, Energy Science and Engineering

### Bio

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#### BIO

I am a postdoctoral scholar collaborating with Tapan Mukerji on developing innovative workflows for monitoring subsurface CO<sub>2</sub> 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