

# Qi'an Pan

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## EDUCATION BACKGROUND

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### Chinese University of Hong Kong (August, 2024-present)

- Doctor of Philosophy in Seismology

### Sun Yat-sen University (September, 2021-July, 2024)

- Master of Science in Geophysics

### Jilin University (September, 2017-July, 2021)

- Bachelor of Engineering in Applied Geophysics
- Bachelor of Science in Computer Science and Technology (Dual-degree)

## PUBLICATIONS

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### Journal Articles:

- Pan Q, Shen X Z. 2023. Spatial autocorrelation method based on dense short-period seismic array and its application in the Guangdong-Hong Kong-Macao Greater Bay. *Acta Seismologica Sinica*, 45 (2): 246-257. doi: 10.11939/jass.20220003 (in Chinese)
- Pan, Q. A., X. Shen, X. Ye, and L. Wang. 2024. Fine shear wave velocity structures of subsurface beneath the Guangdong-Hong Kong-Macao Greater Bay Area with dense seismic array and SPAC method. *Seismological Research Letters*, doi: 10.1785/0220230310.

### CONFERENCE ABSTRACTS:

- Detection of shallow subsurface structure in Guangzhou area using short period dense array and SPAC method, Annual meeting of Chinese Geoscience Union (CGU) 2021, 2022
- Detection of fine velocity structure beneath the Guangdong-Hong Kong-Macao Greater Bay Area using dense seismic array and SPAC method, Annual meeting of Chinese Geoscience Union (CGU) 2023

## FIELD WORK EXPERIENCE

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Deploying a short period dense array in Qilian Mountains (July, 2023-September, 2023)

Deploying a short period dense array in Chifeng (Ulanhad), Southeastern Inner Mongolia (June, 2023)

Deploying a short period dense array in Sanshui basin (March, 2023-April, 2023)

Deploying a short period dense array in the Guangdong-Hong Kong-Macao Greater Bay Area (November, 2020-February, 2021)