

Xiao Xiao

Graduate student in Geophysics

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Education

- 2017 – present **Graduate student** in Geophysics
University of Science and Technology of China, Hefei, China
- 2013 – 2017 **B.S.** in Geophysics
WuHan University, Wuhan, China

Research Interests

- Ambient Noise Source Analysis
- Seismic Tomography
- Seismic Interferometry

Professional Societies & Activities

- 2017 Assist in coordinating exchange meeting of [China Seismological Reference Model](#)
- 2017 – present Member of the [American Geophysical Union \(AGU\)](#)
- 2017 – present Research assistant and database manager for [China Seismological Reference Model](#)
- 2016 – present Contributor of [GMT China Community](#)

Awards & Honors

- 2017 Outstanding undergraduates of WuHan University

Peer-reviewed Publications

1. Chen, Z. Luo, J., **Xiao, X.**, X. & Sun, F.(2017). Assessment of COSMIC radio occultation water vapor profile. *Journal of National University of Defense Technology*, 39(3), 201–206.

Papers in Preparation

1. **Xiao, X.**, X., Cheng, S., & Wen, L. (2019). Shallow shear wave velocity structure revealed by rayleigh wave ellipticity and receiver function.

Meeting Abstracts

2. **Xiao, X.**, X., & Wen, L. (2018). Shallow seismic structure beneath China revealed by body-wave polarization and Rayleigh-wave ellipticity. Abstract S23C-0530 presented at 2018 AGU Fall Meeting, Washington, DC, USA.
1. **Xiao, X.**, X., & Wen, L. (2017). 3D Crust and Uppermost Mantle Structure beneath Tian Shan Region from ambient noise and earthquake surface waves. Abstract S51D-062 presented at 2017 AGU Fall Meeting, New Orleans, LA, USA.

Talks

1. **Xiao, X.** Shallow shear wave structure beneath China revealed by rayleigh wave ellipticity and receiver function. *School of Earth and Space Sciences, University of Science and Technology of China*, Hefei, China. Dec. 25, 2018. [**Student Seminar**]

Expertise & Skills

Languages	Mandarin Chinese, English.
Programming	C, Python, Fortran, Matlab, MPI, Perl, Shell, LaTeX.
Seismological Tools	SAC, GMT, SOD, ObsPy, TauP, CPS330.
Synthetics	Reflectivity Method, Finite Difference Method, Generalized Ray Theory.