Xiao Xiao

Graduate student in Geophysics

Laboratory of Seismology and Physics of Earth's Interior;
School of Earth and Space Sciences, University of Science and Technology of China

Room 1127, Research Building, No. 96, Jinzhai Road, Hefei, Anhui 230026, China

Email: xiaox17@mail.ustc.edu.cn | Website: http://home.ustc.edu.cn/~xiaox17

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 undergradutes of WuHan University

Peer-reviewed Publications

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

Meeting Abstracts

2. **Xiao, X.**, Cheng S.& 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.**, & 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.