

Po-Li Su (蘇柏立)

Postdoctoral Fellow

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Research interests

Seismic imaging; Seismic interferometry; Earth structure; Seismotectonics

Professional appointments

2020/05 - 2022/05 Postdoctoral Fellow, Institute of Oceanography, National Taiwan University
2022/06 - Postdoctoral Fellow, Institute of Earth Sciences, Academia Sinica

Education

2014/09 - 2020/04 Ph.D., Department of Earth Sciences, National Central University
2012/09 - 2014/06 M.S., Department of Earth Sciences, National Central University
2008/09 - 2012-06 B.S., Department of Earth Sciences, National Central University

Awards / Honors

2021 Best Ph.D. VEI CHOW JUAN Thesis Award from Geological Society Located in Taipei
2020 Dean's Award of College of Earth Sciences, National Central University

Publications

Journal articles

4. Chen, P.-F.*, **Su, P.-L.**, Olavere, E. A., Solidum Jr, R. U., & Huang, B.-S. (2020). Relocation of the April 2017 Batangas, Philippines, earthquake sequence, with tectonic implications. *Terr. Atmos. Ocean. Sci*, 31, 273-282.
3. **Su, P.-L.**, Chen, P.-F.*, & Wang, C.-Y. (2019). High-Resolution 3-D P Wave Velocity Structures Under NE Taiwan and Their Tectonic Implications. *Journal of Geophysical Research: Solid Earth*, 124(11), 11601-11614.
2. Chen, P.-F.*, Chen, Y.-L., **Su, P.-L.**, Peng, Y.-D., & Chen, L.-F. (2019). Understanding the 6 February 2018, Hualien earthquake sequence through catalog compilation. *Terr. Atmos. Ocean. Sci*, 30, 399-409.
1. Chen, K.-X., Chen, P.-F.*, Chen, L.-W., Yao, H., Fang, H., & **Su, P.-L.** (2016). South Ilan Plain High-Resolution 3-D S-Wave Velocity from Ambient Noise Tomography. *Terrestrial, Atmospheric & Oceanic Sciences*, 27(3), 375-385.

Thesis

1. **Su, P.-L.** (2020), High-Resolution 3-D P Wave Velocity Structures Under NE Taiwan and Their Tectonic Implications, National Central University, Ph.D. thesis, advised by Professor Po-Fei Chen.

Selected conference papers

5. **Su, P.-L.**, Huang, H.-H., Ko, J. Y.-T. (2021). 3-D plate interactions beneath Taiwan orogeny from source-side seismic tomography, Abstract S4-O-07 presented at 2021 Annual Meeting CGS, Taipei.

4. **Su, P.-L.**, Chen, P.-F., & Wang, C.-Y. (2020). High-resolution 3-D P wave velocity structures under NE Taiwan and their tectonic implications, Abstract T2-O-02 presented at 2020 Annual Meeting CGS, Taipei.
3. **Su, P.-L.**, Chen, P.-F., Chang, C.-H. (2017). Applications of Iterative Cross-correlation on Data of Borehole Broadband Array in Taiwan, Abstract SE25-A038 presented at 2017 Annual Meeting AOGS, Singapore.
2. **Su, P.-L.**, Chen, P.-F., Chang, C.-H., Liang, W.-T. (2014). Inversion of High Resolution 3-D Shallow Velocity Structures in the South Ilan Plain Using Local Dense Texan Network, Abstract SE31-A011 presented at 2014 Annual Meeting AOGS, Sapporo.
1. **Su, P.-L.**, Chen, P.-F., Chang, C.-H. (2013). Inversion of high resolution 3-D shallow velocity structures in Ilan plain using local dense seismic network, Abstract S23A-2468 presented at 2013 Fall Meeting AGU, San Francisco.

Society membership

American Geophysical Union (AGU), Chinese Taipei Geophysical Society (CGS)