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Education

09/2011- 07/2015	Wuhan University	School of Geodesy and Geomatics	Geophysics	B.S.
09/2015- 07/2018	Peking University	School of Earth and Space Science	Solid Geophysics	M.S.

Awards

2011-2012 Wuhan University Outstanding First-class Scholarship
2012-2013 Wuhan University Outstanding First-class Scholarship
2012-2013 National Scholarship
2014-2015 Wuhan University Excellent Graduates
2016-2017 Peking University May 4th Scholarship
2016-2017 Peking University Award for Scientific Research

Publications

1. Liu, Z., **Song, C.**, Meng, L., Ge, Z., Huang, Q., and Wu, Q. (2017). Utilizing a 3D global P-wave tomography model to improve backprojection imaging: A case study of the 2015 Nepal Earthquake. *Bulletin of the Seismological Society of America*, 107(5), 2459-2466. doi: 10.1785/0120170091.
2. Liu, Z., **Song, C.** and Ge, Z. (2017). Utilizing 3-D global velocity structure model to investigate the 2016 M_w 7.8 New Zealand Earthquake with back projection method. *Acta Scientiarum Naturalium Universitatis Pekinensis*. (in Chinese), 1-8. doi: 10.13209/j.0479-8023.2017.105.
3. **Song, C.** and Ge, Z. (2018). An iterative travel time inversion and waveform modeling method to determine the crust structure and the focal mechanism of 2015 Alxa Left Banner M_s 5.8 Earthquake. *Chinese Journal of Geophysics*. (in Chinese), 61(4): 1225-1237. doi: 10.6038/cjg2018L0655.

Presentations

1. An Iterative Travel Time Inversion and Waveform Modeling Method to Determine the Crust Structure and Focal Mechanism: Case Study of 2015 Alxa Left Banner M_s 5.8 Earthquake (in Chinese), Oral Presentation, *2017 Annual Meeting of Chinese Geoscience Union (CGU)*, 15-18 Oct. 2017, Beijing, China
2. Effect of lateral heterogeneity of the earth on earthquake rupture imaging and 3D model based back-projection, Poster Presentation, *Workshop: Frontiers in Studies of Earthquakes and Faults*, 27 Nov.- 1 Dec. 2017, Shenzhen, China

Curriculum Vitae

3. An Iterative Travel Time Inversion and Waveform Modeling Method to Determine the Crust Structure and Focal Mechanism: Case Study of 2015 Alxa Left Banner M_s 5.8 Earthquake, Poster Presentation, *2017 American Geophysical Union Fall Meeting*, 11-15 Dec. 2017, New Orleans, USA
4. Back-projection Imaging Based on a 3D Model: Method and Applications on the 2017 M_{ww} 8.1 Mexico Earthquake and M_w 7.7 Russia Earthquake, Poster Presentation, *2017 American Geophysical Union Fall Meeting*, 11-15 Dec. 2017, New Orleans, USA