



黃梓殷 博士後研究

*Tzu-Ying Huang*

Postdoctoral fellow

( 2015/11/01~2019/08/01 )

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研究興趣: 地震學、地球物理學

Research interest: Seismology, Geophysics

#### [學歷][Education]

- Ph.D., Department of Geosciences, National Taiwan University, Taipei, Taiwan, 2015
- B.S., Department of Earth Sciences, National Central University, Taiwan, 2007

#### [經歷][Experience]

- 2015-2019/08/01: Postdoc at Academia Sinica, Institute of Earth Sciences, Taipei, Taiwan.

#### [榮譽][Awards & Honors]

- 2014 Outstanding Award of the Youth Forum, Dept. Geosciences, National Taiwan University
- 2012 Outstanding Student Poster (OSP) Awards, European Geosciences Union Assembly
- 2012 Outstanding Student Paper Award, Joint Annual Meeting of Geological Society and Geophysical Society, Taiwan, R.O.C.

#### [著作][Publication]

##### 期刊論文 Journals

1. Chen, Kai-Xun, Yuancheng Gung, Ban-Yuan Kuo\*, Tzu-Ying Huang. (2018). Crustal magmatism

and deformation fabrics in northeast Japan revealed by ambient noise tomography, *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH*, **123**, 8891-8906. doi:10.1029/2017JB015209.

2. Huang, T.-Y., Gung, Y., Kuo, B.-Y., Chiao, L.-Y., & Chen, Y.-N. (2015). Layered deformation in the Taiwan orogen. *Science*, **349**(6249), 720-723.
3. Huang, T.-Y., Y. Gung, W.-T. Liang, L.-Y. Chiao, and L. S. Teng, (2012), Broad-band Rayleigh wave tomography of Taiwan and its implications on gravity anomalies. *Geophys.Res.Lett.*, **39**, L05305
4. Chen, Y.-N., Y. Gung, S.-H. You, S.-H. Hung, L.-Y. Chiao, T.-Y. Huang, Y.-L. Chen, W.-T. Liang, and S. Jan (2011), Characteristics of short period secondary microseisms (SPSM) in Taiwan: The influence of shallow ocean strait on SPSM, *Geophys. Res. Lett.*, **38**, L04305, doi:10.1029/2010GL046290.

#### 研討會論文 Conference Papers

1. T.-Y. Huang, Y. Gung, B.-Y. Kuo, L.-Y. Chiao, and Y.-N. Chen (2015), Layered deformation in the Taiwan orogen, Poster 28, presented at Feedbacks and coupling Among Climate, Erosion and Tectonics during mountain building (FACET), Taipei, 29-31, May, 2015
2. T.-Y. Huang, Y. Gung, Y.-N. Chen, L.-Y. Chiao, B.-Y. Kuo, and W.-T. Liang (2014), Resolving the crustal seismic anisotropy of Taiwan using ambient seismic noises, presented at Geodynamics and Environment in East Asia (GEEA) International Conference and 7th Taiwan-France Symposium in Earth Science, Hualian, 12-14 Nov, 2014
3. T.-Y. Huang, Y.-N. Chen, Y. Gung, L.-Y. Chiao, W.-T. Liang, and S.-J. Lee (2014), Resolving the crustal seismic anisotropy of Taiwan using ambient seismic noises, Abstract SE31-A041 presented at AOGS 11th Annual General Meeting, Sapporo, 1 Aug, 2014.
4. T.-Y. Huang, Y.-N. Chen, Y. Gung, L.-Y. Chiao, W.-T. Liang, and S.-J. Lee (2013). Crustal seismic

anisotropy of Taiwan and its tectonic implications. The 7th World Chinese Geological Congress (7th WCGC), Cheng-Du, China, 14-15, June.

5. T.-Y. Huang, Y.-N. Chen, Y. Gung, L.-Y. Chiao, W.-T. Liang, and S.-J. Lee (2013), Resolving the crustal seismic anisotropy of Taiwan using ambient seismic noises, Abstract S23A-2478 presented at 2013 Fall Meeting, AGU, San Francisco, Calif., 10 Dec.
6. T.-Y. Huang, Y.-N. Chen, Y. Gung, W.-T. Liang, and L.-Y. Chiao (2012), 3D isotropic/anisotropic crustal models of Taiwan using ambient seismic, EGU General Assembly 2012, Geophysical Research Abstracts Vol. 14, EGU2012-6909, 2012.
7. T.-Y. Huang, Y. Gung, W.-T. Liang, and L.-Y. Chiao (2011, Aug).
8. Broadband Surface Wave Maps and Seismic Anisotropy of Taiwan derived from Ambient Noise Tomography. Abstract SE61-OS06-A006 presented at AOGS 8th Annual General Meeting, Taipei, 8-12 Aug, 2011
9. T.-Y. Huang, Y. Gung, W.-T. Liang, and L.-Y. Chiao (2010, Aug). Multi-scale Rayleigh Wave Tomography of Taiwan using Ambient Noise. West. Pac. Geophys. Meet. Suppl.
10. T.-Y. Huang, Y. Gung, W.-T. Liang, and L.-Y. Chiao (2009, Dec). Surface-wave Tomography of Taiwan Region using Ambient Noise Analysis. Eos Trans. AGU.