CURRICULUM VITAE

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## Education

Ph.D. in Geophysics, Stony Brook University, New York, USA. 2004/06–2007/08

M.S. in Geophysics, Stony Brook University, New York, USA. 2001/09–2004/05

B.S. in Earth Science, National Central University, Jhongli, Taiwan 1994/10–1998/06

## Employment

Associate Research Fellow in the Institute of Earth Sciences, Academia Sinica 2018/04–present

Assistant Research Fellow in the Institute of Earth Sciences, Academia Sinica 2010/01–2018/04

Carnegie Postdoctoral Fellow in the Department of Terrestrial Magnetism, Carnegie Institution of Washington, Washington, DC, USA. 2007/10–2009/12

Research and Teaching Assistant in the Department of Geosciences, Stony Brook University, New York, USA. 2001/09–2007/08

**Peer-reviewed publications**

**Yu, W.**, T. R. A. Song, J. Su, and J. T. Lin (2021), Rayleigh-Love Discrepancy Highlights Temporal Changes in Near-Surface Radial Anisotropy After the 2004 Great Sumatra Earthquake, *Journal of Geophysical Research: Solid Earth*, *126*, doi:10.1029/2021JB022896.

Lightening presentation: https://www.youtube.com/watch?v=BJ2hRden5MU

**Yu, W.**, J.T. Lin, T.R.A. Song, J. Su, and C.C. Kang (2020), *S* coda and Rayleigh waves from a decade of repeating earthquakes reveal discordant temporal velocity changes since the 2004 Sumatra earthquake, *Journal of Geophysical Research: Solid Earth*, *125*, doi:10.1029/2020JB019794.

**Yu, W.**, J. Su, T.R.A. Song, H.H. Huang, L. Mozziconacci, and B.S. Huang (2017), The inner core hemispheric boundary near 180°W, *Phys. Earth Planet. Inter.*, *272*, 1–16, doi:10.1016/j.pepi.2017.09.002.

**Yu, W.** (2016), Detectability of temporal changes in fine structures near the inner core boundary beneath the eastern hemisphere, *Geophys. Res. Lett.*, *43*, 6924–6931, doi:10.1002/2016GL069664.

**Yu, W.** (2016), Time-dependent inner core structures examined using repeating earthquakes in subduction zones of the southwest Pacific, *Geophys. J. Int.*, *204*, 1204–1215, doi:10.1093/gji/ggv508.

**Yu, W.**, T. R. A. Song, and P. G. Silver (2013), Temporal velocity changes in the crust associated with the great Sumatra earthquakes, *Bull. Seismol. Soc. Am.*, *103* (5), 2797–2809, doi:10.1785/0120120354.

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**Yu, W.** (2013), Shallow-focus repeating earthquakes in the Tonga–Kermadec–Vanuatu subduction zones, *Bull. Seismol. Soc. Am.*, *103* (1), 463–486, doi:10.1785/0120120123.

**Yu, W.**, and L. Wen (2012), Deep-focus repeating earthquakes in the Tonga–Fiji subduction zone, *Bull. Seismol. Soc. Am.*, *102* (4), 1829–1849, doi:10.1785/012011272.

**Yu, W.**, and L. Wen (2007), Complex seismic anisotropy in the top of the Earth's inner core beneath Africa, *J. Geophys. Res.*, *112*, B08304, doi:10.1029/2006JB004868.

**Yu, W.**, and L. Wen (2006), Seismic velocity and attenuation structures in the top 400 km of the Earth's inner core along equatorial paths, *J. Geophys. Res.*, *111*, B07308, doi:10.1029/2005JB003995.

**Yu, W.**, and L. Wen (2006), Inner core attenuation anisotropy, *Earth Planet. Sci. Lett., 245*, 581–594, doi:10.1016/j.epsl.2006.03.043.

**Yu, W.**, L. Wen, and F. Niu (2005), Seismic velocity structure in the Earth's outer core, *J. Geophys. Res*., *110*, B02302, doi:10.1029/2003JB002928.