

Jiong Wang

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Rm 385, 5734 S. Ellis Avenue, Chicago, IL

EDUCATION

Ph.D. Earth Science (Geophysics) 2016 – 2021
University of California, Santa Barbara

B.Sc. Earth Science, Geophysics Emphasis 2013 – 2016
University of California, Santa Barbara

EMPLOYMENT

Postdoctoral Scholar 2021 – Present
The University of Chicago, Department of the Geophysical Sciences

PUBLICATIONS

6. **Wang, J.**, and Tanimoto, T. Estimation of V_s30 at the EarthScope Transportable Array Stations by Inversion of Low-Frequency Seismic Noise, *Journal of Geophysical Research: Solid Earth*, **Accepted**.
5. Tanimoto, T., and **Wang, J.** Incorporating Wind Information in the Inversion of Co-Located Pressure and Seismic Data for Shallow Elastic Structure. *Journal of Geophysical Research: Solid Earth*, 2021.
4. **Wang, J.**, and Tanimoto, T. Estimating Near-Surface Rigidity from Low-Frequency Noise using Co-located Pressure and Horizontal Seismic Data. *Bulletin of the Seismological Society of America*, 2020.
3. Tanimoto, T., and **Wang, J.** Shallow Elasticity Structure from Colocated Pressure and Seismic Stations in the Piñon Flat Observatory and Estimation of V_s30 . *Geophysical Journal International*, 2020.
2. Tanimoto, T., and **Wang, J.** Theory for Deriving Shallow Elasticity Structure from Colocated Seismic and Pressure Data. *Journal of Geophysical Research: Solid Earth*, 2019.
1. Tanimoto, T., and **Wang, J.** Low-Frequency Seismic Noise Characteristics from the Analysis of Co-located Seismic and Pressure Data. *Journal of Geophysical Research: Solid Earth*, 2018.

SELECTED PRESENTATIONS

4. **Wang, J.** Estimating Near-Surface Elastic Structure from Low-Frequency Seismic Noise. The GeodesY and geoPhysics Seminar of the Upper Midwest (GYPSUM), 2021.
3. **Wang, J.**, & Tanimoto, T. Mapping Near-Surface Rigidity Structure using Co-located Pressure and Seismic Stations from the EarthScope Transportable Array. AGU Fall Meeting, San Francisco, 2019.

2. **Wang, J.**, & Tanimoto, T. Shallow Rigidity Structure from Low-Frequency Wind-Induced Ground Motions Using Co-Located Pressure and Seismic Sensors. SSA-LACSC Conference, Miami, 2018.

1. **Wang, J.**, & Tanimoto, T. Shallow Earth Structure from Wind-Induced Ground Motion. SCEC Annual Meeting, Palm Springs, 2017.

SKILLS

Programming: MATLAB, Python, LATEX, GMT, Fortran, C.

Software: Microsoft Offices, ArcGIS, QGIS.

Languages: English (proficient), Mandarin (native).

AWARDS & HONORS

SSA Early-Career Travel Grant, 2022

Alumni Graduate Award for Research Excellence, UC Santa Barbara, 2018 & 2021

Geophysics Award, UC Santa Barbara, 2020

Archuleta Family Award, UC Santa Barbara, 2019

SSA Student Travel Grant, Seismological Society of America, 2019

Outstanding Graduating Senior, UC Santa Barbara, 2016

Outstanding Academic Achievement, UC Santa Barbara, 2016

Graduate with the highest honors (top 2.5%), UC Santa Barbara, 2016

PROFESSIONAL MEMBERSHIPS:

American Geophysical Union; Seismological Society of America;
Southern California Earthquake Center.

TEACHING EXPERIENCE

2021 Spring	Lead Teaching Assistant	Earth 7: Dinosaurs
2020 Spring	Lead Teaching Assistant	Earth 4: Intro Oceanography
2019 Spring	Teaching Assistant	Earth 20: Geol Catastrophes
2018 Fall	Teaching Assistant	Earth 135: Geophysics
2018 Winter	Teaching Assistant	Earth 134: Geol Data Analysis