

H. Zoe Yin

PHD CANDIDATE · GEOPHYSICS · SHE/HER

Scripps Institution of Oceanography, UCSD, La Jolla, CA, USA

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Education

University of California San Diego, Scripps Institution of Oceanography

La Jolla, CA

PHD, GEOPHYSICS (*In Progress*)

2019 - present

Advisor: Prof. Jennifer S. Haase

La Jolla, CA

MS, GEOPHYSICS

2019 - 2020

Advisor: Prof. Jennifer S. Haase

University of Texas at Austin, Jackson School of Geosciences

Austin, TX

BS, GEOPHYSICS

2013 - 2017

Advisor: Prof. Elizabeth Catlos

Professional Experience

2022 **Instructional Assistant**, Environmental Systems Senior Seminar, Dr. Jane Teranes, UCSD

2017-2019 **Program Manager**, Earthquake Engineering Research Institute (EERI)

Awards, Fellowships, & Grants

2022-2025	Earth and Space Science Fellowship , NASA	\$ 150,000
2019-2020	Regents Fellowship , Institute for Geophysics and Planetary Physics	\$ 32,000
2021	Outstanding Student Presentation Award , American Geophysical Union, 2021 Fall Meeting	\$ 400
2020	2020 AGU Fall Meeting Grant , American Geophysical Union	\$ 1000
2021	EarthCube Travel Grant , EarthCube Annual Meeting	\$ 230
2014-2016	Jackson Scholar , Jackson School of Geosciences, UT Austin	\$ 1200

Service & Outreach

2022 **Op-Ed contributor to The Hill**, Satellites can measure nearly any hazard — let's use them to adapt with equity

2019-2022 **Public Policy & Advocacy committee member**, Earthquake Engineering Research Institute

2021-2022 **Guest Speaker**, Garfield High School outreach, science of the East Pacific Rise

2021 **Session Convener**, Observations and Modeling of the 2021 Haiti Earthquake, 2021 SSA Annual Meeting

2022 **Geophysics Representative**, Scripps Graduate Student Council

2021-2022 **Unlearning Racism in the Geosciences (URGE) demographics subcommittee**, Scripps Institution of Oceanography

Publications

Yin, H. Z., Xu, X., Haase, J. S., Douilly, R., Sandwell, D. T., Mercier de Lepinay, B. (2022). Surface deformation surrounding the 2021 M7.2 Haiti earthquake illuminated by InSAR observations, *Bulletin of the Seismological Society of America*, <https://doi.org/10.1785/0120220109>

Yin, H. Z., Xu, X., Haase, J. S., Douilly, R., Sandwell, D. T., and Mercier de Lepinay, B. (2022). InSAR Interferograms and Products from 2021, M7.2 Nippes, Haiti earthquake (Curated Dataset). Zenodo, <https://doi.org/10.5281/zenodo.6834534>

Presentations

INVITED TALKS

- Yin, H. Z.**, Haase, J. S., Kandel, O., James, C., Soliman, M., Jaiswal, P., Vernon, F. (2022). Multi-instrument, Realtime Monitoring of Seismically Vulnerable Structures. AGU Fall Meeting 2022, AGU.
- Yin, H. Z.**, Fowler, C. (2022). Connecting Oceanographic Research to the High School Classroom. California Science Education Conference.

CONTRIBUTED PRESENTATIONS

- Yin, H. Z.**, Xu, X., Jennifer S Haase, David T Sandwell. Surface features of the 2021 M7.2 Haiti earthquake from InSAR data. AGU Fall Meeting 2021, AGU.
- Yin, H. Z.**, Haase, J. S., Kandel, O., James, C., Soliman, M., Jaiswal, P., Vernon, F. (2021). Realtime building monitoring for rapid response to earthquakes. AGU Fall Meeting 2021, AGU.
- Yin, H. Z.**, Saunders, J. K., Haase, J. S., Sheikh, I. A., Soliman, M., Martinez, F., Jaiswal, P., Sepulveda, I. (2020). Generation of synthetic ground motions for induced seismic events in Oklahoma using varied fault orientations. AGU Fall Meeting 2020, AGU.
- Yin, H. Z.** Saunders, J. K., Haase, J. S., Sheikh, I. A., Soliman, M., Jaiswal, P., Mencin, D.J., Vernon, F.L., (2020). Structural Health Monitoring During Induced Seismic Events in Oklahoma Using Real-Time Seismogeodetic Data. *Seismological Research Letters*, 91 (2B), 1161. <https://doi.org/10.1785/0220200043>.
- Yin, H. Z.**, Tandon, S., Aguilera, K. N., Etzel, T. M., Catlos, E. J., et al. (2017). Lessons Learned From an International Research Experience From the Underrepresented Student Perspective. GSA South-Central Section Meeting 2017. <https://doi.org/10.1130/abs/2017SC-289189>