

Stanford



Wesley Neely

Postdoctoral Scholar, Geophysics

Bio

HONORS AND AWARDS

- NASA Earth and Space Science Fellow, Scripps Institution of Oceanography, University of California San Diego (2018-2021)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, University of California San Diego (2021)
- Bachelor of Science, University of Texas Austin (2014)
- Master of Science, University of California San Diego (2015)
- Ph.D., Scripps Institution of Oceanography, University of California San Diego , Earth Science (2021)
- B.S., Jackson School of Geosciences, University of Texas at Austin , Special Honors, Geophysics (2014)

STANFORD ADVISORS

- Rosemary Knight, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Fusion of Spatially Heterogeneous GNSS and InSAR Deformation Data Using a Multiresolution Segmentation Algorithm and Its Application in the Inversion of Slip Distribution** *REMOTE SENSING*
Yan, H., Dai, W., Liu, H., Gao, H., Neely, W. R., Xu, W.
2022; 14 (14)
- **The 2011-2019 Long Valley Caldera inflation: New insights from separation of superimposed geodetic signals and 3D modeling** *EARTH AND PLANETARY SCIENCE LETTERS*
Silverii, F., Pulvirenti, F., Montgomery-Brown, E. K., Borsa, A. A., Neely, W. R.
2021; 569
- **Characterization of Groundwater Recharge and Flow in California's San Joaquin Valley From InSAR-Observed Surface Deformation** *WATER RESOURCES RESEARCH*
Neely, W. R., Borsa, A. A., Burney, J. A., Levy, M. C., Silverii, F., Snead, M.
2021; 57 (4): e2020WR028451
- **Fine-scale spatiotemporal variation in subsidence across California's San Joaquin Valley explained by groundwater demand** *ENVIRONMENTAL RESEARCH LETTERS*
Levy, M. C., Neely, W. R., Borsa, A. A., Burney, J. A.
2020; 15 (10)
- **GInSAR: A cGPS Correction for Enhanced InSAR Time Series** *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING*
Neely, W. R., Borsa, A. A., Silverii, F.

