

## Publications of Yehuda Ben-Zion

### Books / Special Volumes

- Ben-Zion, Y., X Chen and H. Zhang, Editors, *Frontiers in Studies of Earthquakes and Faults, Pure Appl. Geophys.*, vol. 176, N. 3, 2019.
- Ben-Zion, Y. and A. Rovelli, Editors, *Properties and processes of crustal fault zones: Volume II, Pure Appl. Geophys.*, vol. 172, N. 5, 1003-1381, 2015.
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- Ben-Zion, Y. and C. G. Sammis, Editors, *Mechanics, Structure and Evolution of Fault Zones, Pure Appl. Geophys.*, vol. 166, N. 10/11, 1533-1908, 2009.
- Ben-Zion, Y. and W. Lee, Editors, *Advances in Studies of Heterogeneities in the Earth Lithosphere: The Keiiti Aki Volume II, Pure Appl. Geophys.*, vol. 163, N. 2/3, 2006.
- Vere-Jones, D., Y. Ben-Zion and F. R. Zuniga, Editors, *Statistical Seismology, Pure Appl. Geophys.*, vol.162, N. 6/7, 374 pages, 2005.
- Ben-Zion, Y., Editor, *Seismic Motion, Lithospheric Structures, Earthquake and Volcanic Sources: The Keiiti Aki Volume; Pure Appl. Geophys.*, vol.160, N. 3/4, 351 pages, 2003.

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- 321) ^Li, G. and Y. Ben-Zion, 2023. Multi-scale seismic imaging of the Ridgecrest, CA, region with full-waveform inversions of regional and dense array data, *J. Geophys. Res.*, in review.
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- 319) Trugman, D. T. and Y. Ben-Zion, 2023. Coherent Spatial Variations in the Productivity of Earthquake Sequences in California and Nevada, *The Seismic Record.*, in review.
- 318) \*Hsu, Y.-F, I. Zaliapin and Y. Ben-Zion, 2023. Informative modes of seismicity in nearest-neighbor earthquake proximities, *J. Geophys. Res.*, in review.
- 317) \*Yang, B., H. Meng, N. Gu, X. Liu, X. Chen, and Y. Ben-Zion, 2023. A Frequency Domain Methodology for Quantitative Evaluation of Diffuse Wavefield with Applications to Seismic Imaging, *J. Geophys. Res.*, in review.
- 316) Pischutt, M., L. M. Baker, J. B. Fletcher, F. Salvini, A. Rovelli, and Y. Ben Zion, 2023. Directional amplification across the San Jacinto fault zone, CA, *Geophys. J. Int.*, in review.
- 315) Kwiatek, G., P. Martínez-Garzón, T. Goebel, M. Bohnhoff, Y. Ben-Zion and G. Dresen, 2023. Complex multi-scale preparatory processes of stick-slip events on rough laboratory faults, *J. Geophys. Res.*, in review.
- 314) \*Zhang, H and Y. Ben-Zion, 2023. Enhancing regional seismic velocity model with higher-resolution local results using sparse dictionary learning, *J. Geophys. Res.*, in review.

- 313) McBeck, J., B. Cordonnier, Y. Ben-Zion and F. Renard, 2023. The relationship between deformation localization and catastrophic failure in fluid-saturated crystalline rocks in upper crustal conditions, *Tectonophysics*, in review.
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- 308) ^Li, G. and Y. Ben-Zion, 2023. Daily and seasonal variations of shallow seismic velocities in southern California from analysis of H/V ratios and autocorrelations of seismic waveforms, *J. Geophys. Res.*, 128, e2022JB025682, doi: 10.1029/2022JB025682.
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