

# Stanford

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## Minghui Xu

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### Bio

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#### LINKS

- LinkedIn: <https://www.linkedin.com/in/minghui-xu-006381237/>

### Publications

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#### PUBLICATIONS

- **Enhancing seismic porosity estimation through 3D sequence-to-sequence deep learning with data augmentation, spatial constraints, and geologic constraints** *GEOPHYSICS*  
Xu, M., Zhao, L., Liu, J., Geng, J.  
2024; 89 (4): M93-M108
- **Rock-physics-guided machine learning for shear sonic log prediction** *GEOPHYSICS*  
Zhao, L., Liu, J., Xu, M., Zhu, Z., Chen, Y., Geng, J.  
2024; 89 (1): D75-D87
- **Seismic predictions of fluids via supervised deep learning: Incorporating various class-rebalance strategies** *GEOPHYSICS*  
Gao, S., Xu, M., Zhao, L., Chen, Y., Geng, J.  
2023; 88 (4): M185-M200