

## Yuchen Li

Masters Student in Computer Science, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **ClimaLand: A Land Surface Model Designed to Enable Data-Driven Parameterizations** *JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS*  
Deck, K., Braghieri, R. K., Renchon, A. A., Sloan, J., Bozzola, G., Speer, E., Ben Mackay, J., Reddy, T., Phan, K., Gagne-landmann, A. L., Li, Y., Yatunin, D., Charbonneau, et al  
2026; 18 (1)
- **The Impact of Underestimated Southern Ocean Freshening on Simulated Historical Sea Surface Temperature Trends** *Geophysical Research Letters*  
Kaufman, Z., Wilson, E., Purich, A., Beadling, R., Li, Y.  
2025
- **Bering Strait Ocean Heat Transport Drives Decadal Arctic Variability in a High-Resolution Climate Model** *GEOPHYSICAL RESEARCH LETTERS*  
Li, Y., Weijer, W., Kurtakoti, P., Veneziani, M., Chang, P.  
2024; 51 (12)
- **High-resolution modelling identifies the Bering Strait's role in amplified Arctic warming** *NATURE CLIMATE CHANGE*  
Xu, G., Rencurrel, M., Chang, P., Liu, X., Danabasoglu, G., Yeager, S. G., Steele, M., Weijer, W., Li, Y., Rosenbloom, N., Castruccio, F., Zhang, Q.  
2024