Stanford

Yuchen Li

Masters Student in Computer Science, admitted Autumn 2023

Publications

PUBLICATIONS

- **ClimaLand: A Land Surface Model Designed to Enable Data-Driven Parameterizations** *JOURNAL OF ADVANCES IN MODELING EARTH SYSTEMS*
  Deck, K., Braghiere, 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