Stanford

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- Ph.D. Student in Civil and Environmental Engineering, admitted Autumn 2023
- Ph.D. Minor, Computer Science

## Publications

### PUBLICATIONS

- **Leveraging Amazon Customer Reviews to Identify Household Water Quality Challenges**
  Fu, S., Goe, K., Hui, K., Osman, K. K.
  edited by Nnaji, C., Cai, J., Awolusi, I. G., Bhattacharjee, K.
  AMER SOC CIVIL ENGINEERS.2026: 878-888
- **Deep learning model for fast, science-based forecasting of fluid migration along faults in geologic carbon storage scenarios** *INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL*
  Lee, H., Kim, P. E., Mao, S., Fu, S., Indro, A. P., Baek, S., Mitchell, N., Mehana, M.
  2025; 148
- **Exploring state-level messaging toward US water reuse: a media analysis across time and space** *ENVIRONMENTAL RESEARCH: INFRASTRUCTURE AND SUSTAINABILITY*
  Fu, S., Moanga, D., Hacker, M. E., Scruggs, C., Osman, K. K.
  2025; 5 (3)
- **Deep learning-based surrogate modeling for underground hydrogen storage** *ADVANCES IN WATER RESOURCES*
  Fu, S., Mao, S., Carbonero, A., Srikishan, B., Creasy, N., Chellal, H., Mehana, M.
  2025; 203