

Stanford



Erica McCormick

- Ph.D. Student in Earth System Science, admitted Autumn 2022
- SGSI Course Assistant, Vice Provost for Graduate Education
- 📄 Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Diversifying Academia, Recruiting Excellence Doctoral Fellowship, Stanford University (2024-2026)
- Graduate Research Fellowship, National Science Foundation (10/1/2022)

EDUCATION AND CERTIFICATIONS

- HS, Phillips Exeter Academy (2016)
- B.S., University of Texas at Austin , Environmental Science, Geology (2020)

LINKS

- My Professional Website: <https://erica-mccormick.github.io/>
- Google Scholar: <https://scholar.google.com/citations?user=XnvaTh4AAAAJ&hl=en>

Research & Scholarship

LAB AFFILIATIONS

- Alexandra Konings, Remote Sensing Ecohydrology Group (9/6/2022)

Publications

PUBLICATIONS

- **Triple collocation validates CONUS-wide evapotranspiration inferred from atmospheric conditions** *HYDROLOGY AND EARTH SYSTEM SCIENCES*
McCormick, E. L., Sanders, L. E., McColl, K. A., Konings, A. G.
2026; 30 (8): 2417-2432
- **Substantial root-zone water storage capacity observed by GRACE and GRACE/FO** *HYDROLOGY AND EARTH SYSTEM SCIENCES*
Zhao, M., McCormick, E. L., Geruo, A., Konings, A. G., Li, B.
2025; 29 (10): 2293-2307
- **Susceptibility to Photosynthesis Suppression From Extreme Storms Is Highly Site-Dependent** *GLOBAL CHANGE BIOLOGY*
McCormick, E. L., Famiglietti, C. A., Feng, D., Michalak, A. M., Konings, A. G.
2025; 31 (5): e70257
- **Tree species explain only half of explained spatial variability in plant water sensitivity.** *Global change biology*
Konings, A. G., Rao, K., McCormick, E. L., Trugman, A. T., Williams, A. P., Diffenbaugh, N. S., Yebra, M., Zhao, M.
2024; 30 (7): e17425

- **The Age of Evapotranspiration: Lower-Bound Constraints From Distributed Water Fluxes Across the Continental United States** *WATER RESOURCES RESEARCH*
Hahm, W. J., Lapidés, D. A., Rempe, D. M., McCormick, E. L., Dralle, D. N.
2022; 58 (10)
- **Widespread woody plant use of water stored in bedrock** *NATURE*
McCormick, E. L., Dralle, D. N., Hahm, W., Tune, A. K., Schmidt, L. M., Chadwick, K., Rempe, D. M.
2021; 597 (7875): 225-+
- **Technical note: Accounting for snow in the estimation of root zone water storage capacity from precipitation and evapotranspiration fluxes** *HYDROLOGY AND EARTH SYSTEM SCIENCES*
Dralle, D. N., Hahm, W., Chadwick, K., McCormick, E., Rempe, D. M.
2021; 25 (5): 2861-2867
- **LEAF: Logger for ecological and atmospheric factors** *HARDWAREX*
Matheny, A. M., Marchetto, P., Powell, J., Rechner, A., Chuah, J., McCormick, E., Pierce, S. A.
2019; 6
- **Plant Hydraulic Trait Covariation: A Global Meta-Analysis to Reduce Degrees of Freedom in Trait-Based Hydrologic Models** *FORESTS*
Mursinna, A., McCormick, E., Van Horn, K., Sartin, L., Matheny, A. M.
2018; 9 (8)