

Stanford



Jack Lamb

Ph.D. Student in Earth System Science, admitted Autumn 2021

Bio

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Jack Lamb is a PhD student working under Professor Alison Hoyt in the Earth System Science department. He is interested in developing low-cost instrumentation networks for effective ground-truthing and upscaling of satellite imagery.

EDUCATION AND CERTIFICATIONS

- BS, BA, University of California, Berkeley , Mechanical Engineering, Geophysics (2021)

Publications

PUBLICATIONS

- **Tree stem methane emissions are regulated by site-level biogeochemistry over species identity in Amazon floodplain forests.** *The New phytologist*
Blinchow, H. R., McNamara, N. P., Elias, D. M., Gomez, C., Lamb, J., Nunes de Sousa, R., Gris, D., Pequeno Reis, L., Hoyt, A. M., Pangala, S. R. 2026
- **Advancing the Understanding of Snow Accumulation, Melting, and Associated Thermal Insulation Using Spatially Dense Snow Depth and Temperature Time Series** *GEOPHYSICAL RESEARCH LETTERS*
Wang, C., Shirley, I. A., Wielandt, S., Fiolleau, S., Lamb, J. R., Uhlemann, S., Ulrich, C., Bennett, K. E., Dafflon, B. 2025; 52 (8)