



Clarice Perryman

Postdoctoral Scholar, Earth System Science

 Curriculum Vitae available Online

Bio

STANFORD ADVISORS

- Alison Hoyt, Postdoctoral Faculty Sponsor

LINKS

- Research Website: <https://clariceperryman.com/>

Publications

PUBLICATIONS

- **Microtopography Matters: Belowground CH₄ Cycling Regulated by Differing Microbial Processes in Peatland Hummocks and Lawns** *JOURNAL OF GEOPHYSICAL RESEARCH-BIOGEOSCIENCES*
Perryman, C. R., McCalley, C. K., Ernakovich, J. G., Lamit, L. J., Shorter, J. H., Lilleskov, E., Varner, R. K.
2022; 127 (8)
- **Dominance of Diffusive Methane Emissions From Lowland Headwater Streams Promotes Oxidation and Isotopic Enrichment** *FRONTIERS IN ENVIRONMENTAL SCIENCE*
Robison, A. L., Wollheim, W. M., Perryman, C. R., Cotter, A. R., Mackay, J. E., Varner, R. K., Clarizia, P., Ernakovich, J. G.
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- **Heavy metals in the Arctic: Distribution and enrichment of five metals in Alaskan soils** *PLOS ONE*
Perryman, C. R., Wirsing, J., Bennett, K. A., Brennink, O., Perry, A. L., Williamson, N., Ernakovich, J. G.
2020; 15 (6): e0233297
- **Thaw Transitions and Redox Conditions Drive Methane Oxidation in a Permafrost Peatland** *JOURNAL OF GEOPHYSICAL RESEARCH-BIOGEOSCIENCES*
Perryman, C. R., Mccalley, C. K., Malhotra, A., Fahnestock, M., Kashi, N. N., Bryce, J. G., Giesler, R., Varner, R. K.
2020; 125 (3)