Stanford



Austen Lambert

Ph.D. Student in Earth System Science, admitted Autumn 2024

Research & Scholarship

LAB AFFILIATIONS

- Scott Fendorf, Soil and Environmental Biogeochemistry (9/23/2024)

Publications

PUBLICATIONS

- **Geospatial patterns and geochemical fingerprints reveal anthropogenic enrichment of phosphorus from mining in the Uinta Mountains, Utah, USA** *ENVIRONMENTAL EARTH SCIENCES*
  Lambert, A. M., Kerry, R., Bickmore, B., LeMonte, J. J.
  2026; 85 (12)
- **Soybean nutrition in an improved single-nutrient source hydroponic solution** *JOURNAL OF PLANT NUTRITION*
  Lambert, A. M., Anderson, S. M., Haderlie, A., Seely, C. J., Ioannou, J. D., Cole, D. L., Hopkins, B. G.
  2026
- **Automated gas measurement reveals contrasting effectiveness of enhanced-efficiency fertilizers for reducing ammonia and nitrous oxide emissions.** *Journal of environmental quality*
  Ransom, C. J., LeMonte, J. J., Lambert, A. M., Svedin, J. D., Hopkins, B. G.
  2026; 55 (5): e70297
- **Biological buffering maintains stable pH from acidic to alkaline conditions in single nutrient source hydroponics.** *Scientific reports*
  Ioannou, J. D., Lambert, A. M., Haderlie, A., Cole, D. L., Hopkins, B. G.
  2026