

Stanford

Alexandra (Lexi) Ringsby

Ph.D. Student in Chemical Engineering, admitted Autumn 2021

Bio

EDUCATION AND CERTIFICATIONS

- M.S., Stanford University , Chemical Engineering (2024)
- B.S., University of California, Berkeley , Chemical Engineering (2021)

LINKS

- LinkedIn: <https://www.linkedin.com/in/alexandraringby/>

Publications

PUBLICATIONS

- **Reactive transport simulation of organic and inorganic carbon cycling following carbon dioxide sorption onto soil amendments in drylands** *FRONTIERS IN CLIMATE*
Helmrich, S., Ringsby, A. J., Maher, K.
2025; 7
- **Do oversimplified durability metrics undervalue biochar carbon dioxide removal?** *ENVIRONMENTAL RESEARCH LETTERS*
Ringsby, A. J., Maher, K.
2025; 20 (3)
- **Sorption of Soil Carbon Dioxide by Biochar and Engineered Porous Carbons.** *Environmental science & technology*
Ringsby, A. J., Ross, C. M., Maher, K.
2024