

Stanford



Emily Cardarelli

- Ph.D. Student in Environmental Earth System Science
- Student Employee, Hume Center

Bio

EDUCATION AND CERTIFICATIONS

- M.S., Stanford University , Environmental Earth System Science (2015)
- B.S., Tulane University , Earth and Environmental Science w/ departmental honors, magna cum laude (2012)

Teaching

COURSES

2018-19

- Diversity and Inclusion in the Geosciences: EARTH 203 (Win)

Publications

PUBLICATIONS

- **Redox Controls over the Stability of U(IV) in Floodplains of the Upper Colorado River Basin** *ENVIRONMENTAL SCIENCE & TECHNOLOGY*
Noel, V., Boye, K., Pacheco, J., Bone, S. E., Janot, N., Cardarelli, E., Williams, K. H., Bargar, J. R.
2017; 51 (19): 10954–64
- **Convergence and contrast in the community structure of Bacteria, Fungi and Archaea along a tropical elevation-climate gradient.** *FEMS microbiology ecology*
Peay, K. G., von Sperber, C., Cardarelli, E., Toju, H., Francis, C. A., Chadwick, O. A., Vitousek, P. M.
2017; 93 (5)
- **Understanding controls on redox processes in floodplain sediments of the Upper Colorado River Basin.** *The Science of the total environment*
Noël, V., Boye, K., Kukkadapu, R. K., Bone, S., Lezama Pacheco, J. S., Cardarelli, E., Janot, N., Fendorf, S., Williams, K. H., Bargar, J. R.
2017