

# Stanford

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## Alandra Lopez

Postdoctoral Scholar, Earth System Science

### Bio

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#### HONORS AND AWARDS

- Planetary Health Postdoctoral Fellowship, Stanford Center for Innovation in Global Health & London School of Hygiene & Tropical Medicine (2022-2024)
- EDGE-STEM Fellowship, Stanford University (2016)

#### BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Global Health Postdoctoral Affiliate, Center for Innovation in Global Health (CIGH) (2022 - present)

#### PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , ESS-PHD (2022)
- B.A., Bowdoin College , Earth and Oceanographic Science (2016)
- B.A., Bowdoin College , Chemistry (2016)

#### STANFORD ADVISORS

- Scott Fendorf, Postdoctoral Faculty Sponsor

### Research & Scholarship

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#### LAB AFFILIATIONS

- Scott Fendorf, Soil and Environmental Biogeochemistry (9/26/2016)

### Publications

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#### PUBLICATIONS

- **Assessing Analytical Methods for the Rapid Detection of Lead Adulteration in the Global Spice Market.** *Environmental science & technology*  
Lopez, A. M., Nicolini, C. M., Aeppli, M., Luby, S. P., Fendorf, S., Forsyth, J. E.  
2022
- **Perchlorate and Agriculture on Mars** *SOIL SYSTEMS*  
Oze, C., Beisel, J., Dabsys, E., Dall, J., North, G., Scott, A., Lopez, A., Holmes, R., Fendorf, S.  
2021; 5 (3)
- **Soil and Aquifer Properties Combine as Predictors of Groundwater Uranium Concentrations within the Central Valley, California** *Environmental Science & Technology*  
Lopez, A. M., Wells, A., Fendorf, S.  
2020: 10
- **Protecting Groundwater Quality in California: Management Considerations for Avoiding Naturally Occurring and Emerging Contaminants**

Fakhreddine, S., Sherris, A., Lopez, A. M., Wells, A., Holmes, R., Nico, P., Bruton, T., Fendorf, S., Babbitt, C.

Environmental Defense Fund.

2019 40