



## Elizabeth Paulus

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### Publications

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#### PUBLICATIONS

- **Manganese and soil organic carbon stability on a Hawaiian grassland rainfall gradient** *SOIL BIOLOGY & BIOCHEMISTRY*  
Paulus, E. L., Vitousek, P. M.  
2024; 194
- **Manganese Oxidation States in Volcanic Soils across Annual Rainfall Gradients.** *Environmental science & technology*  
Wen, K., Chadwick, O. A., Vitousek, P. M., Paulus, E. L., Landrot, G., Tappero, R. V., Kaszuba, J. P., Luther, G. W., Wang, Z., Reinhart, B. J., Zhu, M.  
2022
- **Foliar #15N patterns in legumes and non-N fixers across a climate gradient, Hawai'i Island, USA.** *Oecologia*  
Burnett, M. W., Bobbett, A. E., Brendel, C. E., Marshall, K., von Sperber, C., Paulus, E. L., Vitousek, P. M.  
1800
- **Nitrogen dynamics along a climate gradient on geologically old substrate, Kaua'i, Hawai'i.** *Oecologia*  
Vitousek, P. M., Paulus, E. L., Chadwick, O. A.  
2018
- **SLC39A14 deficiency alters manganese homeostasis and excretion resulting in brain manganese accumulation and motor deficits in mice** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*  
Jenkitkasemwong, S., Akinyode, A., Paulus, E., Weiskirchen, R., Hojyo, S., Fukada, T., Giraldo, G., Schrier, J., Garcia, A., Janus, C., Giasson, B., Knutson, M. D.  
2018; 115 (8): E1769–E1778