Supplemental Material:

Fractionation of dissolved organic matter by (oxy)hydroxide-coated sands: competitive sorbate displacement during reactive transport

Angélica Vázquez-Ortega, Selene Hernandez-Ruiz, Mary Kay Amistadi, Craig Rasmussen, Jon Chorover*

*aDepartment of Soil, Water & Environmental Science, University of Arizona, P.O. Box 210038, Tucson, Arizona 85721-0038, USA

*Corresponding author: chorover@cals.arizona.edu

For publication in Vadose Zone Journal (Special issue on Dissolved Organic Matter)
Figure S.1 Si, Al, and Fe concentrations for all treatments during grassland (left) and mixed conifer forest (right) DOM irrigation. Solid, dash, and dash and point black lines represent Si, Al, and Fe, respectively in the influent solution. Small amounts of Si (square symbol), Al (triangle symbol), and Fe (diamond symbol) were mobilized from the mineral phases, indicating minimal coating dissolution. The y-error bars correspond to standard deviations of duplicate samples.