Accepted Manuscript

Coupled Dynamics of Iron and Iron-bound Organic Carbon in Forest Soils during Anaerobic Reduction

Qian Zhao, Dinesh Adhikari, Rixiang Huang, Aman Patel, Xilong Wang, Yuanzhi Tang, Daniel Obrist, Eric E. Roden, Yu Yang

PII:	S0009-2541(16)30662-3
DOI:	doi:10.1016/j.chemgeo.2016.12.014
Reference:	CHEMGE 18184

To appear in: Chemical Geology

Received date:	31 August 2016
Revised date:	6 December 2016
Accepted date:	9 December 2016



Please cite this article as: Zhao, Qian, Adhikari, Dinesh, Huang, Rixiang, Patel, Aman, Wang, Xilong, Tang, Yuanzhi, Obrist, Daniel, Roden, Eric E., Yang, Yu, Coupled Dynamics of Iron and Iron-bound Organic Carbon in Forest Soils during Anaerobic Reduction, *Chemical Geology* (2016), doi:10.1016/j.chemgeo.2016.12.014

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Coupled Dynamics of Iron and Iron-bound Organic Carbon in Forest Soils during Anaerobic Reduction

Qian Zhao^a, Dinesh Adhikari^a, Rixiang Huang^b, Aman Patel^c, Xilong Wang^d, Yuanzhi Tang^b, Daniel Obrist^e, Eric E. Roden^f, Yu Yang^a*

^aDepartment of Civil and Environmental Engineering, University of Nevada-Reno, NV, USA 89557;

^bSchool of Earth and Atmospheric Sciences, Georgia Institute of Technology, Atlanta, GA, USA 30332;

^cThe Davidson Academy of Nevada, Reno, NV, USA 89557;

^dLaboratory for Earth Surface Processes, College of Urban and Environmental Sciences, Peking University, Beijing 100871, P.R. China;

^eDivision of Atmospheric Sciences, Desert Research Institute, Reno, NV, USA 89512;

^fDepartment of Geology and Geophysics, University of Wisconsin-Madison, WI, USA 53706.

*Correspondence to: Y. Yang (yuy@unr.edu)

Download English Version:

https://daneshyari.com/en/article/5782768

Download Persian Version:

https://daneshyari.com/article/5782768

Daneshyari.com