

Accepted Manuscript

A Novel Multi-Reaction Model for Kinetics of Zn Release from Soils: Roles of Soil Binding Sites

Lanfang Peng, Zhenqing Shi, Pei Wang, Wei Li, Zhang Lin, Zhi Dang, Donald L. Sparks

PII: S0021-9797(17)31395-4
DOI: <https://doi.org/10.1016/j.jcis.2017.12.006>
Reference: YJCIS 23078

To appear in: *Journal of Colloid and Interface Science*

Received Date: 17 October 2017
Revised Date: 25 November 2017
Accepted Date: 2 December 2017

Please cite this article as: L. Peng, Z. Shi, P. Wang, W. Li, Z. Lin, Z. Dang, D.L. Sparks, A Novel Multi-Reaction Model for Kinetics of Zn Release from Soils: Roles of Soil Binding Sites, *Journal of Colloid and Interface Science* (2017), doi: <https://doi.org/10.1016/j.jcis.2017.12.006>

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.



A Novel Multi-Reaction Model for Kinetics of Zn Release from Soils: Roles of Soil Binding Sites

Lanfang Peng,^{†‡} Zhenqing Shi,^{*,†‡} Pei Wang,^{†‡} Wei Li,^{*,§} Zhang Lin,^{†‡} Zhi Dang,^{†‡}

Donald L. Sparks

[†] School of Environment and Energy, South China University of Technology, Guangzhou, Guangdong 510006, People's Republic of China

^{*} The Key Lab of Pollution Control and Ecosystem Restoration in Industry Clusters, Ministry of Education, South China University of Technology, Guangzhou, Guangdong 510006, People's Republic of China

[§] School of Earth Sciences and Engineering, Nanjing University, Nanjing, Jiangsu 210046, People's Republic of China

^{||} Department of Plant and Soil Sciences, Delaware Environmental Institute, University of Delaware, Newark, Delaware 19711, United States

^{*} Corresponding authors:

email: zqshi@scut.edu.cn (ZS), liwei_isg@nju.edu.cn (WL); phone: 86-20-39380503

Download English Version:

<https://daneshyari.com/en/article/6992557>

Download Persian Version:

<https://daneshyari.com/article/6992557>

[Daneshyari.com](https://daneshyari.com)