

## Accepted Manuscript

A Reactive Transport Model for Marcellus Shale Weathering

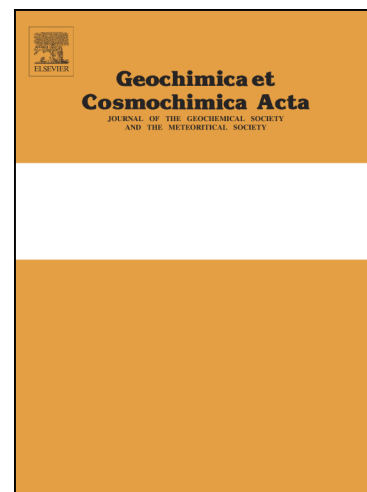
Peyman Heidari, Li Li, Lixin Jin, Jennifer Z. Williams, Susan L. Brantley

PII: S0016-7037(17)30492-1

DOI: <http://dx.doi.org/10.1016/j.gca.2017.08.011>

Reference: GCA 10416

To appear in: *Geochimica et Cosmochimica Acta*



Please cite this article as: Heidari, P., Li, L., Jin, L., Williams, J.Z., Brantley, S.L., A Reactive Transport Model for Marcellus Shale Weathering, *Geochimica et Cosmochimica Acta* (2017), doi: <http://dx.doi.org/10.1016/j.gca.2017.08.011>

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 Reactive Transport Model for Marcellus Shale Weathering

Peyman Heidari<sup>1,6</sup>, Li Li<sup>2</sup>, Lixin Jin<sup>3</sup>, Jennifer Z. Williams<sup>4</sup>, Susan L. Brantley<sup>4,5</sup>

<sup>1</sup>John and Willie Leone Family Department of Energy and Mineral Engineering, Pennsylvania State University, University Park, PA

<sup>2</sup>Department of Civil & Environmental Engineering, Pennsylvania State University, University Park, PA

<sup>3</sup>Department of Geological Sciences, University of Texas at El Paso, El Paso, TX

<sup>4</sup>Department of Geosciences, Pennsylvania State University, University Park, PA

<sup>5</sup>Earth and Environmental Systems Institute, Pennsylvania State University, University Park, PA

<sup>6</sup>Current affiliation: Department of Geosciences and Geological and Petroleum Engineering, Missouri University of Science and Technology, Rolla, MO

Download English Version:

<https://daneshyari.com/en/article/5783099>

Download Persian Version:

<https://daneshyari.com/article/5783099>

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