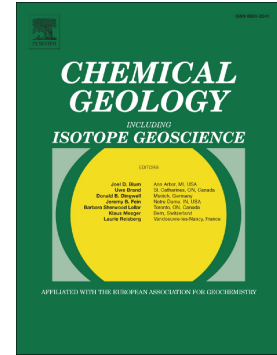


Accepted Manuscript

Visualization and quantification of Cd sorption to bacteria using confocal laser scanning microscopy and Cd-specific fluorescent probes



Clayton R. Johnson, Joshua D. Shrout, Jeremy B. Fein

PII: S0009-2541(18)30085-8
DOI: doi:[10.1016/j.chemgeo.2018.02.020](https://doi.org/10.1016/j.chemgeo.2018.02.020)
Reference: CHEMGE 18659
To appear in: *Chemical Geology*
Received date: 29 November 2017
Revised date: 8 February 2018
Accepted date: 10 February 2018

Please cite this article as: Clayton R. Johnson, Joshua D. Shrout, Jeremy B. Fein , Visualization and quantification of Cd sorption to bacteria using confocal laser scanning microscopy and Cd-specific fluorescent probes. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Chemge(2017), doi:[10.1016/j.chemgeo.2018.02.020](https://doi.org/10.1016/j.chemgeo.2018.02.020)

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.

Visualization and Quantification of Cd Sorption to Bacteria Using Confocal Laser Scanning Microscopy and Cd-specific Fluorescent Probes

Clayton R. Johnson^{1*†}, Joshua D. Shrout^{1,2}, Jeremy B. Fein^{1*}

¹ Department of Civil & Environmental Engineering & Earth Sciences, University of Notre Dame, Notre Dame, Indiana 46556, USA

² Department of Biological Sciences, University of Notre Dame, Notre Dame, Indiana 46556, United States³ Department of Civil Engineering & Geological Sciences, University of Notre Dame, Notre Dame, Indiana, USA

*Co-corresponding authors. Email: (cjohns42@nd.edu); (fein@nd.edu)

†Present address: Department of Civil & Environmental Engineering & Earth Sciences, University of Notre Dame, Notre Dame, IN 46556, USA

Download English Version:

<https://daneshyari.com/en/article/8910265>

Download Persian Version:

<https://daneshyari.com/article/8910265>

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