

Accepted Manuscript

Title: Remediation of hexavalent chromium contaminated soil by biochar-supported zero-valent iron nanoparticles

Author: Huijie Su Zhanqiang Fang Pokeung Eric Tsang
Liuchun Zheng Wen Cheng Jianzhang Fang Dongye Zhao



PII: S0304-3894(16)30671-9
DOI: <http://dx.doi.org/doi:10.1016/j.jhazmat.2016.07.039>
Reference: HAZMAT 17895

To appear in: *Journal of Hazardous Materials*

Received date: 1-3-2016
Revised date: 14-5-2016
Accepted date: 17-7-2016

Please cite this article as: Huijie Su, Zhanqiang Fang, Pokeung Eric Tsang, Liuchun Zheng, Wen Cheng, Jianzhang Fang, Dongye Zhao, Remediation of hexavalent chromium contaminated soil by biochar-supported zero-valent iron nanoparticles, *Journal of Hazardous Materials* <http://dx.doi.org/10.1016/j.jhazmat.2016.07.039>

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.

Remediation of hexavalent chromium contaminated soil by biochar-supported zero-valent iron nanoparticles

Huijie Su^{a,b}, Zhanqiang Fang^{a,b*}, Pokeung Eric Tsang^{b,c}, Liuchun Zheng^{a,b}, Wen Cheng^{a,b}, Jianzhang Fang^{a,b}, Dongye Zhao^d

a. School of Chemistry and Environment, South China Normal University, Guangzhou, Guangdong 510006, China

b. Guangdong Technology Research Center for Ecological Management and Remediation of Water System, Guangzhou, Guangdong 510006, China

c. Department of Science and Environmental Studies, Hong Kong Institute of Education, Hong Kong 00852, China

d. Environmental Engineering Program, Department of Civil Engineering, Auburn University, Auburn, AL 36849, USA

*Corresponding author: Zhanqiang Fang

Corresponding author at: School of Chemistry and Environment, South China Normal University, Guangzhou, Guangdong 510006, China.

Tel./fax: +86-20-39313279.

E-mail address:

sunmoon124@163.com

zhqfang@scnu.edu.cn

Download English Version:

<https://daneshyari.com/en/article/6970163>

Download Persian Version:

<https://daneshyari.com/article/6970163>

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