UCLA

Posters

Title

Sensor Measurements and Sediment Incubations Indicate Diurnal Redox Cycling Associated With Arsenic Mobilization at a Bangladeshi Rice Paddy

Permalink

https://escholarship.org/uc/item/6f08726f

Authors

Lin, Tiffany Lin, Chu-Ching Ramanathan, Nithya <u>et al.</u>

Publication Date

2007-10-10

Center for Embedded Networked Sensing



While it is currently accepted that seasonal redox cycling drives As oxidation and then mobilization upon reduction, these results indicate that diurnal oscillations in redox conditions may also be very important in the mobilization of As to groundwater at this site
The authors gratefully acknowledge support from the National Science Foundation, CBET-0651968, and CBET-605515, as well as seed funds from CENS

UCLA – UCR – Caltech – USC – UC Merced