Hydrology and
Earth System
Sciences

Discussions

Interactive comment on "Effects of Micro-Arrangement of Solid Particles on PCE Migration and Its Remediation in Porous Media" *by* Ming Wu et al.

Anonymous Referee #2

Received and published: 16 November 2017

This paper introduced the effects of micro-structure on the contaminant migration and remediation. The results and discussion are clearly demonstrated. This paper met the quality requirement.

Language should be proofed by peers who were native speakers. Colloquial and informal words need to be revised. Some sentences were confused to understanding. Singular and plural problems and tense problems can be found in this paper. Please double check format requirements of the journal and whether case of every sentence is right

Uncertainty could be involved in real-world scenario; how did you treat the uncertainty

and error in the modeling?

Is that possible that the assumption of prorosity can be calibrated via BET analysis or other instrumental methods?

Following papers should be cited to improve this paper:

Shen, J., Huang, G., An, C., Zhao, S., & Rosendahl, S. (2017). Immobilization of tetra-bromobisphenol A by pinecone-derived biochars at solid-liquid interface: Synchrotron-assisted analysis and role of inorganic fertilizer ions. Chemical Engineering Journal, 321, 346-357. C. J. An, E. McBean, G. H. Huang, Y. Yao, P. Zhang, X. J. Chen and Y. P. Li. (2016). Multi-Soil-Layering Systems for Wastewater Treatment in Small and Remote Communities. Journal of Environmental Informatics, 27(2), 131-144. A. K. Mishra, B. Kumar and J. Dutta. (2016). Prediction of Hydraulic Conductivity of Soil Bentonite Mixture Using Hybrid-ANN Approach. Journal of Environmental Informatics, 27(2), 98-105.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2017-493, 2017.