

Soil Biogeochemistry of Nutrients and Contaminants Publications

- Chavez, E., Z. L. He, P. J. Stoffella, R. S. Mylavarapu, Y. C. Li, and V. C. Baligar. 2016. Evaluation of soil amendments as a remediation alternative for cadmium-contaminated soils under cacao plantations. *Environmental Science and Pollution Research* DOI: 10.1007/s11356-016-6931-7.
- Li, L., J. Vogel, Z. L. He, X. Zou, H. Ruan, W. Huang, J. Wang, and T.S. Bianchi. 2016. Association of Soil Aggregation with the Distribution and Quality of Organic Carbon in Soil along an Elevation Gradient on Wuyi Mountain in China. *Plos One* 11 (3) e0150898.
- Merlin, A.C. A. Rosolem, and Z. L. He. 2016. Non-labile phosphorus acquisition by *Brachiaria*. *J. Plant Nutrition* 39, 1319-1327.
- Zhou, X., Y. Li, J. Zhang, B. Liu, M. Wang, Y. Zhou, Z. Lin, Z. L. He. 2016. Diversity, abundance and community structure of ammonia-oxidizing archaea and bacteria in riparian sediment of Zhenjiang ancient canal. *Ecological Engineering* 90: 447-458.
- Zhou, X., J. Zhang, Y. Li, B. Liu, J. Chu, M. Wang, and Z. L. He. 2016. Distribution characteristics of ammonia oxidizing microorganisms in rhizosphere sediments of cattail. *Ecological Engineering* 88: 99-111.
- Aziz, R.g, M. T. Rafiq, T. Q. Li, D. Liu, Z. L. He, P. J. Stoffella, K. Sun, and X. E. Yang. 2015. Uptake of Cadmium by Rice Grown on Contaminated Soils and Its Bioavailability/Toxicity Human Cell Lines (Caco-2/HL-7702). *Journal of Agricultural and Food Chemistry* 63: 3599-3608.
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- He, S., Z. L. He, X. E. Yang, P. J. Stoffella, and V. C. Baligar. 2015. Soil biogeochemistry, plant physiology, and phytoremediation of cadmium-contaminated soils *Advances in Agronomy* (in press)
- He, S., Q. Wu, and Z. L. He. 2015. Growth-promoting hormone DA-6 assists phytoextraction and detoxification of Cd by ryegrass. *International Journal of Phytoremediation* 17: 597-603.
- He, Z. L., J. Shentu, X. E. Yang, V. C. Baligar, and T. Q. Zhang. 2015. Heavy metal contamination of soils: sources, indicators, and assessment. *Journal of Environmental*
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