

Interactive comment on “Phosphorus transformations as a function of pedogenesis: a synthesis of soil phosphorus data using Hedley fractionation method” by X. Yang and W. M. Post

Anonymous Referee #2

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After this referee #2 read the manuscript in detail but before completing his own review, an excellent review by another expert in this field has been posted (Anonymus referee # 1, 27 Jul 2011). This referee (# 2) fully agrees with that review, and he scarcely can add any substantial additional comment. The only complementary recommendation is that the authors should consider actual new literature in this field including recent reviews on that topic (e.g., Negassa, W., P. Leinweber. How does the Hedley sequential P fractionation reflect impacts of land use and management on soil phosphorus - a review. *Journal of Plant Nutrition and Soil Science* 172 (2009) 305-325; Condon, L., S. Newman. Revisiting the fundamentals of phosphorus fractionation of sediments and soil. *J. Soil Sediments* 11(2011)830-840.

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Thus, in conclusion, the recommendation of referee # 2 is "major revision" considering the comments posted in the more detailed review.

Interactive comment on Biogeosciences Discuss., 8, 5907, 2011.