

Interactive comment on “Integrating microbial physiology and physiochemical principles in soils with the Microbial-Mineral Carbon Stabilization (MIMICS) model” by W. R. Wieder et al.

W. R. Wieder et al.

wwieder@ucar.edu

Received and published: 12 April 2014

We appreciate Dr. Allison’s support of the theoretical advancements made my MIMICS. As both Allison and Sierra’s comments encouraged considerations of the oscillatory behavior of MIMICS we added a new figure (Fig. 5) and text (Lines 293–304, 402-413, & 582-592) to this effect.

Interactive comment on Biogeosciences Discuss., 11, 1147, 2014.

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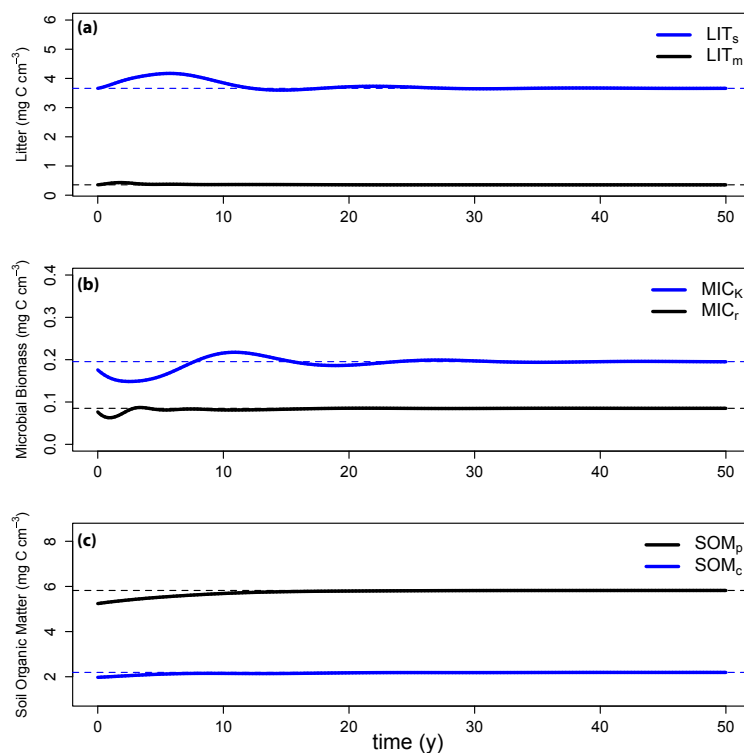


Fig. 1. Figure 5. Temporal response of (a) litter, (b) microbial biomass, and (c) soil C pools to a 10% reduction of steady state MIC and SOM pools at time zero of the experiment (solid lines). Steady state p

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