Dear Dr. Bozbiyik and co-authors,

Three reviewers have commented on your manuscript. As you have seen, Henry Hooghiemstra and two anonymous reviewers all supported the importance of your manuscript and provided many suggestions to improve the quality of the manuscript. In addition, a number of major concerns were raised that need to be addressed in your final author comments and revised paper. Such questions range from the carbon storing capacity of soils, to model run boundary conditions, model specificity of the magnitude of the response, analyses of the model output and discussion of previously published
literature (although I understand that you had not yet incorporated the ‘in press’ paper).

Considering that all reviewers, in principle, indicate that the results should be published, it is sufficient for me if you prepare your final author comments along with a revised version of the manuscript and submit both together.

All the best,

Appy Sluijs

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Interactive comment on Clim. Past Discuss., 6, 1811, 2010.