

Interactive
Comment

Interactive comment on “Land use effects on soil organic carbon sequestration in calcareous leptosols in former pastureland – a case study from the Tatra Mountains (Poland)” by K. Wasak and M. Drewnik

A. Cerdà (Referee)

artemio.cerda@uv.es

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Dear author Your paper is of interest and I think must be published I wish to suggest some minor changes that affect the the introduction and the discussion If you can make both sections more consistent it will be a great paper For the introduction we need a general statement about soils, carbon and the multidisciplinary of the the soil science see here

Brevik EC, Cerdà A, Mataix-Solera J, Pereg L, Quinton JN, Six

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Interactive Discussion

Discussion Paper



J, Van Oost K. 2015. The interdisciplinary nature of SOIL. SOIL, 1, 117-129

And for the discussion you can open your ideas and discussion to the following topics how the carbon affect the soil sustainability van Leeuwen, J. P., Lehtinen, T., Lair, G. J., Bloem, J., Hemerik, L., Ragnarsdóttir, K. V., Gísladóttir, G., ewton, J. S., and de Ruiter, P. C.: An ecosystem approach to assess soil quality in organically and conventionally managed farms in Iceland and Austria, SOIL, 1, 83-101, doi:10.5194/soil-1-83-2015, 2015.

soil, carbon and management Tejada M. and Benítez, C. 2014. Effects of crushed maize straw residues on soil biological properties and soil restoration. Land Degradation and Development, 25, 501–509. DOI: 10.1002/ldr.2316 Chaudhuri, S. McDonald, L. M. Skousen, J. Pena-Yewtukhiw, E. M. 2015. Soil Organic Carbon Molecular Properties: Effects of Time Since Reclamation in a Minesoil Chronosequence. Land Degrad. Develop. 26, 237-248. DOI 10.1002/ldr.2202 Bruun, T. B. Elberling, B. de Neergaard, A. Magid, J. 2015. Organic Carbon Dynamics in Different Soil Types After Conversion of Forest to Agriculture. Land Degrad. Develop. 26, 272- 283. DOI-10.1002/ldr.2205 Mekonnen, M., Keesstra, S.D., Stroosnijder, L., Baartman, J.E.M., Maroulis, J., 2015. Soil conservation through sediment trapping: a review. Land Degradation and Development. DOI: 10.1002/ldr.2308

The paper is a good contribution that must be published Sincerely Artemi Cerdà

Interactive comment on Solid Earth Discuss., 7, 1577, 2015.

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7, C621–C622, 2015

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