

Interactive comment on “CO₂ emission and structural characteristics of two calcareous soils amended with municipal solid waste and plant residue” by N. Yazdanpanah

Anonymous Referee #2

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This manuscript (CO₂ emission and structural characteristics of two calcareous soils amended with municipal solid waste and plant residue) is suitable with the scope of the journal (Solid Earth). The study addresses an interesting issue related to the influence of different organic amendments on some soil properties particularly microbial respiration and structural characteristics and the relationship between the selected soil properties. The manuscript is well written and flows well. The concept is clear to understand. The introduction gives a good general overview to the topic “organic amendments”. The methodology of this paper looks solid. The results appear reasonable and match well with the stated objectives. The things that need editing are minor.

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Interactive Discussion

Discussion Paper

P3152 L19, P3161 L12, P3164 L13, L27, P3165 L10, L15, L16, L18, P3166 L4, L13, L15, L19: replace 'macro pores' with 'macro pore' P3152 L14: remove 'order' P3152 L17: replace 'macro to micro pores' with 'macroporosity to microporosity' P3155 L12: replace 'A long-term mean' with 'Long-term mean' P3155 L16: replace 'having' with 'that have' P3157 L2: replace 'the four subsamples' with 'four subsamples' P3157 L5: replace 'crushed' with 'were crushed' P3157 L21: replace 'A part of soil samples was provided for measurement of' with 'A portion of the soil samples were used to determine' P3157 L25: replace 'was dried in oven' with 'was oven dried' P3158 L8: replace 'Macroporosity' with 'The macroporosity' P3158 L16: replace 'at 95 %' with 'at the 95%' P3158 L23, P3160 L1, P3161 L23, P3162 L28, P3163 L23, P3166 L12: replace 'caused to' with 'caused' P3160 L3: remove 'order' P3160 L3-L5: the sentence is not clear. P3160 L11: replace 'than those found' with 'than those were found' P3162 L4: replace 'found' with 'was found' P3163 L24: remove 'order' P3164 L23: replace 'in contrary' with 'to the contrary' P3165 L14-L15: replace 'in the macro pores than in the micro pores fraction' with 'in the macroporosity than in the microporosity' P3166 L9: replace 'found' with 'was found' P3166 L16: replace 'micro pores' with 'micro pore fraction'

Interactive comment on Solid Earth Discuss., 7, 3151, 2015.

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7, C1477–C1478, 2015

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