Solid Earth

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Discussions

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Interactive comment on "Identification of Regional Soil Quality Factors and Indicators: An Alluvial Plain From Central Anatolia" *by* Cevdet Şeker et al.

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From my side, the manuscript is well-written and the method used might be proper (honestly, I am not familiar with the MDS but the analytical procedures listed in the text are quite clear). The study is meaningful for predicting changes in soil quality by using sensitive indicators. And the methodology proposed by authors can be spread out over a wide area of different ecosystems. Thus, I would recommend a minor revision for this manuscript if my evaluation is right. Line 19: What you mean by 'Among other soil properties' Line 24: were chosen for MDS analysis to. . .? Line 24: 'this properties' wrong expression and not clear which properties it refer to. Line 29-39: provide references for these statements Line 158: it might be better to indicate the temperature of the cooler, as this would affect the results of biological analysis. Line 179: pH measurements are commonly done in a 1:2.5 soil to water slurry. Is there a specific reason

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for using 1:1 soil-pure water mixture? Line 188: after DTPA extraction? May be better spell out what DTPA is? In reference list, some of the references should be formatted to be uniform and fit to the requirements of our journal.