

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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Changes have been made at the request of the referee. ABSTRACT In the abstract, the abbreviations should be eliminated. INTRODUCTION The references were added. 65-72 lines were revised. 77-81 lines were revised. Physical, chemical, biological and genetic characteristics starting from 82 lines were divided into a, b, c, d. Line 127. has been corrected in line with the opinion of the referee. MATERIALS AND METHODS texture percentages were added. 1971-2004 years indicated. Depth was added. Line 146. “Physiographically, the study area was a homogenous alluvial plain “ was removed. Soil Sampling and Analysis has been corrected in line with the opinion of the referee. Line 158. degraded was removed and disturbed was added. Line 162. “In the laboratory”, “through a 2 mm sieve” were removed. Line 164. “was carried to the laboratory in proper containers to” was removed. “This subsample was not ground

or sieved and was air dried.” was removed. Line 197. “Selection of the indicators to be used for the determination of soil quality is very important. Though it would be proper to assess all soil properties within the framework of soil quality, this is not practical. This is because several parameters are concerned with the assessment of soil quality, and assessing each of these would require both time and significant costs. Thus, it is necessary to select among the indicators to be used. The important thing here is that the parameters to be used as indicators should reflect the soil primarily in a simple and accurate way (Andrews et al., 2004).” was removed. Line 209. P value was added. RESULTS AND DISCUSSION Line 219. “The KMO and Bartlett tests were conducted to check whether the data sets that were created based on these properties were in conformity with the principal components analysis.” was moved the materials and methods section. Line 279. In conclusion deleted. Line 322. In conclusion deleted.

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/se-2016-138/se-2016-138-AC3-supplement.pdf>

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