Solid Earth
Discussions
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Interactive comment on "Socio-economic modifications of the Universal Soil Loss Equation" *by* A. Erol et al.

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The answers are here as follows;

1- In the study, we were formulated only human and animal factors effect on soil erosion due to have no others factors. Thus, the study was not arranged to all socio-economic factors conducted on only two factors as socio-economic factors. One of the others aim of the study was to see if we could modified them on USLE. We hope that the results of the study will provide the opportunity to further study.

2- The study was only conducted on two watersheds. When working on many watersheds, the results of the study would be useful if it such. Thus, it would be much more different experimental and mathematical approaches. In this case, the data could be

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provided in the many watesheds in Turkey. In this case, we believe that the results obtained the study could be match the complexity of the object. Our aim of the future studies will be studied on many watersheds in our country and improved to new approaches on soil erosion that the very vital problem for the country.

3- In the study, some steps followed to explain this phase in the step 1 and step 2 (Table 8). However, we think that Table 8 can not be understood. Thus, a flow chart was drawn to explain this case (Figure 3). Please let me know what else we can do about this.

4- The actual impact of the factor in the related sections will be revised as you mentioned.

5- The full text will be revised in accordance with your comments.

Please also note the supplement to this comment:
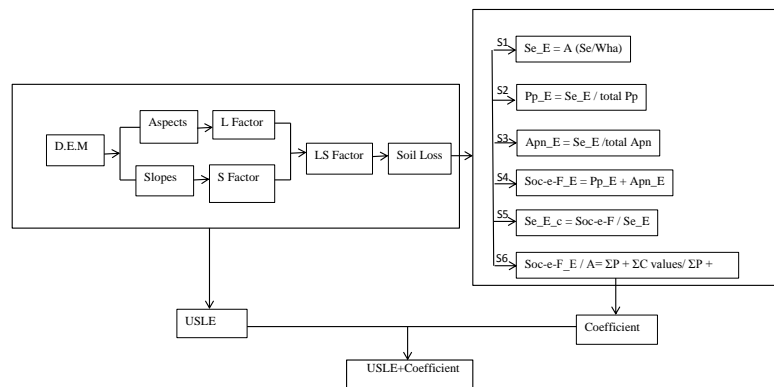http://www.solid-earth-discuss.net/7/C867/2015/sed-7-C867-2015-supplement.pdf

Figure 3. The factors of USLE estimated using GIS and working steps as mathematical processes to find a coefficient that contributed socio-economic factors as the number of people and animals

This flow chart will be useed instead of Table 8

Fig. 1. The flow chart as I mentioned

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