

## ***Interactive comment on “Application of fuzzy representation of geographic boundary to the soil loss model” by G.-S. Lee and K.-H. Lee***

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You have approached a very interesting research topic with respect to minimizing the effect of boundary areas with the associated soil types and topography.

Although it is indicated that there is no need to review the variables for the soil loss equation, it would make sense to review them so that there are no misunderstandings about what soil loss equation you are referring to, and which version.

You also need to work with and produce sufficient data (internationally?) to show that this concept can work in a variety of cases, and work with some other variables that may have to be compromised to accommodate for the smoothing out or fuzziness you are suggesting. Also, it is very worthwhile to go out in the field vs. working from maps and photos.

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With the utmost sincerity, your paper needs to be more complete and it needs more data to justify the suggested application.

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Interactive comment on Hydrology and Earth System Sciences Discussions, 3, 115, 2006.

**HESSD**

3, S110–S111, 2006

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