

Interactive comment on “A fuzzy intelligent system for land consolidation – a case study in Shunde, China” by J. Wang et al.

Anonymous Referee #1

Received and published: 23 April 2015

OVERALL COMMENT: The manuscript is pretty interesting. However, beyond mathematical research, the results must be very valuable. I think that the main improvements must be focused on the information derived from the methodology application and on the structure of the manuscript.

Please, these are my main suggestions:

1. In the Abstract (page 1349, line 13), you mentioned that you find a group of indexes useful for the land consolidation. This experience can be helpful in similar context. Please, provide more information.
2. In the Abstract (page 1349, line 26), why your results are more automatic and intelligent. Do they save time and cost? Can you be more specific?

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3. In the Introduction (page 1352, lines 10-29), you need to define the objectives and the context of your study. The project must be explained in the Introduction instead of M&M. I am aware that the authors wanted to highlight the methodology; however, the results are also important so I suggest including two objectives related with the methodology and the information derived from its application. Following both objectives, you should explain the mathematical approach and the surveys and analysis in M&M.

4. Following the comment 3, I suggest completing the chapters of Results and Conclusion (see also comment 1).

5. Tables. The captions are not well-explained. Please, change statistical data in Table 1 for instance. Tables 3 and 4 need a more complete explanation.

6. Figures. Figure 1 needs a complete map in China. Figure 4 must be related with the objectives of the manuscript.

Interactive comment on Solid Earth Discuss., 7, 1347, 2015.

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