

Interactive comment on “Framework to prioritize watersheds for diffuse pollution management in Korea: application of multicriteria analysis using the Delphi method” by G. Lee et al.

Anonymous Referee #2

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From my point of view, this work represents a good contribution to the research in the field of water quality management. Authors propose an interesting approach for ranking and prioritizing areas that need diffuse pollution management. In this study, multicriteria analysis of non-point source pollution problem is solved by applying TOPSIS and Delphi technique, so that scientific analysis and expert advice can be efficiently involved in the decision making support system. However, it seems that appropriate revisions to the following points should be undertaken: 1. Your results lack DISCUSSIONS. There is no sufficient explanations about final results while many factors (e.g. factors of hydrological process) are considered in the multi-criteria analysis. 2. Page 2, Line 23. “The above-mentioned multi-criteria analysis...” What does it mean? 3.

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Page 5, Line 1-2. Please make the description more clearly. What do these variables represent with reference to the specific problem considered in the study? 4. Page 7, Line 5. Is Rij transformed rank? 5. Page 8, Line 5-7. I cannot understand the meaning of this sentence. 6. What does “modification” mean that is mentioned in page 8, line 21. 7. Page 9, Line 21-22. Please rewrite this sentence to make its meaning more clearly. 8. Please correct minor errors. Page 2, Line 2. . . .applied broadly. . . Page 2, Line 6. Zhang and Huang (2011). . . Page 4, Line 13. Fig. 2 explains. . . Page 4, Line 15. . . .a lot of researches. . . Page 4, Line 23. The TOPSIS chooses. . . Page 5, Line 10. First space should be removed. Page 5, Line 27. Please check the grammar of this sentence. Page 6, Line 30. In this study, two types of. . . Page 7, Line 5. “Rij is the transformed rank. . .” Please refine this sentence. The authors are also suggested to check the spelling and grammar throughout the manuscript.

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