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11, C158-C159, 2014

Interactive Comment

## Interactive comment on "A dual-inexact fuzzy stochastic model for water resources management and non-point source pollution mitigation under multiple uncertainties" by C. Dong et al.

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1. Many abbreviations in Introduction are unnecessary since they are not referenced in the followings. 2. Specific examples to explain uncertain system components in various forms such as RBIs and intervals might be helpful for readers to understand the connection between developed models and real-world problems. 3. (Line 5 on page 6): Should FBI be replaced by RBI? What does IFLP stand for? What is the origin of lamda? 4. Long sentences should be separated into short ones in technical writing, e.g.line 10 on page 9 and line 22 on page 11. 5. (Line 11 on page 10): Should it be "with non-point sources pollution control/mitigation"? What do future system changes mean?

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6. (Line 9 on page 16): What is the meaning of total quantity control? How are RBIs combined with water resources availability? 7. (Line 18 on page 17): An alternative expression for authors' consideration is "from [?, ?] in period 1, through [?, ?] in period 2, to [?, ?] in period 3". 8. (Lines 6-9 on page 18): Why are upper bounds lower than corresponding lower bounds? 9. (Pages 18-19): Revision suggestions: bigger -> higher, smaller -> lower, presents -> represents, and conversional -> conventional. 10. What are shortcomings of the developed method?

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 987, 2014.

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