Hydrol. Earth Syst. Sci. Discuss., 11, C1703–C1704, 2014 www.hydrol-earth-syst-sci-discuss.net/11/C1703/2014/

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## HESSD

11, C1703-C1704, 2014

Interactive Comment

## Interactive comment on "Protecting environmental flows through enhanced water licensing and water markets" by T. Erfani et al.

## **Anonymous Referee #2**

Received and published: 3 June 2014

Authors: T. Erfani, O. Binions, and J. J. Harou

Title: Protecting environmental flows through enhanced water licensing and water markets

Comments: Main part of the method adopted in this manuscript is very similar to the one used in another paper published by the authors (Erfani et al., 2014, Water Research, doi: 10.1002/2013WR014493). I would suggest the author try to revise their manuscript greatly and specify the main innovations compared with their previous works. Detailed comments for authors:

1. In 2.1, the core model is similar with the authors' previous paper. The further extended models, described in the sections 2.2 and 2.3, are regarded as two more

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constrains compared with the authors' previous work (Erfani et al., 2014),

- 2. In 2.2 and 3.4, more explanation and comparison of MinFlowj with other similar research should be added.
- 3. The case study in the section 3.2 is the same with the one in section 3 of the authors' previous work (Erfani et al., 2014),
- 4. The relationship among "junction", "gauge", "node", " junction node", and "river" should be explained in details (e.g., with the employment of a figure).

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 2967, 2014.

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