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Interactive comment on "A coupled modeling framework of the co-evolution of humans and water: case study of Tarim River Basin, western China" by D. Liu et al.

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This research develops a socio-hydrology coupled model and applies it to the Tarim River Basin located in western China. Definitely, the presented research represents a relevant contribution to hydrology and is suitable for publishing in HESS. The following are my comments. The abstract can be improved such that it is more concise and directly to the main points. Some of the model details are not necessarily placed in abstract. In the introduction, the authors detailed basic information about the Tarim River Basin. However, different types of information are mixed together. Some of them should be placed in Section 2.1. It would be much better if the authors focus on

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the critical features of the Tarim River Basin because of which the current research is needed.

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