

## ***Interactive comment on “Values in water management” by Erik Mostert***

### **Anonymous Referee #1**

Received and published: 23 July 2019

This paper discussed the role of values in water resources management. The author conducted a literature study on the conceptual frameworks and mechanisms of values. Then the author discussed the methods to measure values in water management. A major conclusion of the paper is that different social groups and organizations are crucial actors in water management and it is important to measure their values, including both environment values and social values. The article is on a topic of interest to the audience of Hydrology and Earth System Sciences. The author effectively addressed most of the reviewers' comments of previous submission. I have the following comments that I hope the author could address in the revision.

Specific comments:

1. After reading the manuscript, I have a similar impression as the previous referee #1 that I think the paper is more like an opinion paper or a review paper instead of a

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research paper.

2. The abstract should clearly describe the methodology and main findings of the study.
3. Page 2, Line 5: I think this study is more about to provide an overview of concepts of values, instead of developing a conceptual theory. I would suggest to revise this statement.
4. Page 2, Lines 7-8: The study focuses on the values in general, rather than the value human assign to water. This choice of study focus might make the paper not relevant enough to the fields of hydrology and water resources management. Also, the title of the paper should be changed if this is the case.
5. Page 13, Lines 12-13: The statement about values in socio-hydrological models is not accurate since many studies have tried to implement values in socio-hydrological models. I would suggest the author to extend this paragraph and provide a more comprehensive discussion about values in socio-hydrological models or water management models. This would make the article more relevant to HESS.

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