

Review of: "Promoting Pro-Environmental Behavior for Sustainable Water Resource Management: A Social Exchange Perspective"

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Potential competing interests: No potential competing interests to declare.

The content of the paper provides valuable insights into the challenges of water resource management from a social-anthropological perspective. It highlights the importance of individualism and collectivism in shaping water-related behaviors and emphasizes the need for collective action in addressing water scarcity. **However, to enhance the quality and comprehensiveness of the paper, substantial improvements are needed.** I would recommend incorporating the suggested observations and addressing the identified gaps in the paper. Additionally, it would be beneficial to include a visual aid, such as a flowchart or diagram, outlining a proposed social-anthropological methodology for water management, providing a clear and structured framework for the research. This visual representation would make the methodology more accessible and facilitate a better understanding of the suggested approach.

I have these observations:

- The discussion mentions the importance of differences between individualism and collectivism in water management, but does not delve into how these differences were addressed in the methodology or will be taken into account in the research.
- The discussion highlights the need for collaboration and collective action in water management, but did not provide concrete examples of how this collaboration will be encouraged in the methodology.
- The discussion mentions that water should be considered a common resource, but does not explain what implications that will have.
- The discussion refers to participation as a gap in water governance, but does not describe how this gap was addressed in the methodology or what approaches will be used.
- The discussion highlights the importance of environmental awareness, but did not detail how this awareness would be measured or how it would be used to promote sustainable water management.
- The discussion does not address in detail the relationship between water management and climate change, despite mentioning that individualistic attitudes are negatively related to concern about climate change.
- The discussion focuses on the differences between individualism and collectivism, but does not address other factors that can influence water management, such as the availability of water resources, infrastructure and regulation.
- The discussion does not mention possible limitations of the methodology or challenges that could arise during the research, which is important for the transparency and validity of the study.

- The discussion could benefit from concrete examples or case studies that illustrate the concepts presented, which would facilitate readers' understanding and provide practical examples of the ideas discussed