

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

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I have found the paper a useful contribution of the important research. The name of the topic good fits with the general of paper. In my opinion overall presentation of the paper is good. The paper dedicated to the theoretical basis of the social and common resource dilemma in the case of one country. Author's one of the main goal is to emphasize that the common resource dilemmas represent a matter of life and death for all living beings on Earth. The article is generally inspired by the "tragedy of commons" theory. Some aspects of paper have a technical weaknesses of approach, analysis or examples. We generally see common examples but not focused concrete examples. Examples could be given by facts, some statistics or at least by the interview methods. Observation and empirical methods are good but methodologically where we cant meet with such kind of facts and we can't see them in the paper. I mean author gives an example of water use in Iran and emphasize that Iranians tend to prioritize their own desires and seek self-preservation rather than considering collective, group, and public interests. This exact phenomenon has created numerous issues and challenges in the context of common resource dilemmas and environmental confrontations within the country. But author do not give any example of comparative analyse where such a phenomenon was occurred and do not analyse how government might have solved such kind of challenges. That kind of examples would have brought the author closer to his goal, because then we would have seen better what measures have been taken in water management in developed countries. Also author may give regulatory factors which mostly effect legislation part of the water management. Besides, how institutional changes and legislating part could affect the behaviour of the social group and generally water management. What the role of NGO's, communities and public associations on the individuals or on public opinion. Yes, author make an offer that it is necessary to highlight that enhancing water security requires multilateral regulations and institutional measures that go beyond individual behavioural adjustments. But overall we can't see any analyse of last regulations in the environmental law of Iran in the last decades. what has changed and what author could offer to change this situation. Also it would be better to link the methods and theoretical analyses to expose main difficulties on water management in Iran including technical and engineering issues. It would be better if the author used the conclusion part for some novelty in the form of proposals that he achieved during the study. This can give the reader clarity which methods or theory and their application will better affect the regional management of water resources in a changing climate. Author could give any recommendations using prisoner's dilemma or other related concepts for readers first of all, and then to authorities which could be useful for policy makers on common resources use, especially river and underground water management. Also author mentions that visible manifestations of Iran's water crisis include the shrinking of lakes, the drying up of rivers,

and the overexploitation of subterranean aquifers. But he did not mention that because of this condition Iran has heavily loaded Aras river which is located on the cross-border with Azerbaijan. Araz river also defines the border between Iran and Azerbaijan. The excessive use of this river water by Iran has a very negative effect on the farmers in the south eastern region of Azerbaijan and the rural economy and agriculture in general. Moving forward from here, it is important to renew or re-accept the transboundary water use agreement between Azerbaijan and Iran on the optimal management of transboundary rivers. Thanks for interesting and useful research, I wish the author good luck.