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## *Interactive comment on* "Balancing energy and environmental concerns: the case of the Kayraktepe dam, Turkey" by Ö. Sever et al.

Ö. Sever et al.

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The impact of WCD report was different to the public and state. The government of countries who are still in heavy dam business like India, Turkey, Brazil reacted to the report with heavy critics. On the contrary environmentalist activist saw it a strong tool to defend their position. Therefore, it did not serve to its purpose of to be a balancing tool in Turkey. Thus, we try to underline this issue. Re-consideration of Kayraktepe Dam was one of the impact of the report that the government decided to leave the dam to the public sector after failing to find export credit the IIÄssu Dam (another controversial large of Turkey). It is expected that The discussion of Kayraktepe will further accelerate during funding process. This is one of the motivations for present study.

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Instead of the basic idea the term "technical specifications of the dam" will be used.

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The figure 1 re-drawn to clear out the confusion.

11778-15 The discussion around the flushing of sediment from the dams is inadequate. While results using Basson are provided, there is no adequate explanation of what these mean or how they are interpreted.

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The Kayraktepe Dam is a large dam and therefore it contains all the potentials of giving damages to its own environment but at the same time to contribute to the development desire of the country through its energy. Its scale is very large and there has been no any environmental impact assessment for it, yet. Therefore there is a limited number of study on the environmental properties of the area which will be occupied by the reservoir lake. However, the agricultural activities of the upstream are well known. So far, official reports of the dams are strengthening on its capacity of the energy production and flood control. Therefore in the present study we emphasizes that there could be some other choices, more environmentally friendly to reach the targets. Also, we want to still leave room to the environmentalist to discuss the project.

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