Response to Referee 2

(1) The review paper stresses a lot on Three Gorges dam on Yangtze River. Based on the title more examples are required regarding other dams in China and the world. This review is too narrow and seems like a case study of Three Gorges dam. Also a lot of information is not cited, please cite statements that are not general knowledge.

Response:

Thanks a lot for the careful review on our manuscript. This paper provides a review of recent studies on river damming and its impacts on ecosystems of estuarine and adjacent sea areas. In **3. results chapter**, the structure is changed and improved seriously. The revised manuscript is expanded in terms of number and quality of processes as well as effects structure. The manuscript is carefully checked and the statements that are not general knowledge are cited, hope now it appeared to be better.

(2) L 35-37: Please cite the statement.

Response:

Thanks a lot for this good suggestion. We agree and therefore, the statement is cited (line 65).

(3) Introduction: Please consider citing more papers in introduction.

Response:

Thanks very much for this suggestion. We agree and therefore, more papers are cited in **1. introduction**.

(4) L 73: please rephrase the statement "1) continue….topic".

Response:

Thanks a lot for this kindly remind. We agree and therefore, the statement is rephrased in line 105.

(5) Table 1: Change "Reduces" to "Reduction".

Response:

Thanks a lot for the carefully review on our manuscript. We agree and therefore, the word is changed in **Table 1**.

(5) L 132-134: Please cite the statement.

Response:

Thanks a lot for this good suggestion. We agree and therefore, the statement is cited (line 207, 209).

(6) L 142: Confusing statement. Please rephrase. L 152: Please rephrase.

Response:

Thanks a lot for this suggestion. We agree and therefore, the grammar and English of the manuscript are thoroughly checked and revised (line 214-216; line 225-226).

(7) L 149-150: Please cite the statement. L 165 – 176: Please add adequate references in the paragraph. Section 3.4 – L 206- 223: This section is not adequately referenced.

Response:

Thanks very much for your suggestions. The manuscript has been carefully revised in terms of the reviewer's suggestions, and the statements that are not general knowledge are cited (line 225; line 260-267; line 40-58).

(8) Conclusion: The conclusion is not based on reviewing and studying most big dams around the world. The generalization used while concluding is faulty

Response:

Thanks very much for this comment. We agree and therefore **5. conclusions** chapter is carefully revised and re-written, hope now it appeared to be better.