

Dear Christina Prieto,

With pleasure, we submit the third revision of our manuscript (nhess-2018-325) “Towards multi-objective optimization of large-scale fluvial landscaping measures”. We are happy that reviewer 3 found the time to review our manuscript once again and continues to see the usefulness and applicability. Please find our response below and the edits in the revised document.

Regards,

Menno Straatsma

Reviewer 2

Reviewer 3

R3: Thanks to the editor and authors for the opportunity to review this paper again. I reviewed the first version (as reviewer 3) but missed the deadline for the re-review. The fact that the manuscript is being re-reviewed again is a testament to rigor of the NHESS review process and, probably, to the inherent difficulties encountered with reviewing multidisciplinary papers.

Response: We appreciate the time of R3 to review our manuscript once again.

R3: I continue to find the manuscript interesting, useful, and worthy of publication. While it is true that the hydraulic components are not novel, the synthesis of hydroclimatology, hydraulics, ecological values, and decision making at a broad scale is novel. The manuscript should be of interest to researchers and practitioners involved in broad-scale river planning. The approach is applicable to many large rivers and deltas world wide. Although many facets of the paper could be expanded and addressed with greater detail, the present manuscript adequately synthesizes the approach, general conclusions, and applicability.

Response: We are grateful for the recognition of the value of our paper and agree that the paper is non-exhaustive in its evaluation. This is stated also in the abstract and a lengthy section in the discussion gives options for further expansion of the methods.

R3: I have suggested a few English-language edits on the attached pdf for clarity – and a compulsive editor could probably find several more – but in general the manuscript is well written.

Response: Thanks. All spelling and grammar errors have been corrected and the text has been clarified where requested.