

Thank you for giving me the opportunity to review the revised manuscript *CliffDelineaTool v1.2.0*: an algorithm for identifying coastal cliff base and top positions by Zuzanna M. Swirad and Adam P. Young.

The revised manuscript answered sufficiently the reviewers' comments and suggestions. I am definitely impressed with submitting a Python code that replicates the MATLAB code that was the initial basis for this manuscript since MATLAB is a licensed software and Python is open-source code and hence can accommodate a wider user group.

Figure 3 is now clearer showing not only the vertical exaggeration on profiles, but also the images of selected locations to get a better idea of the morphology, especially for scientists not familiar with those particular locations of the California Coast.

Table 3 is extremely informative for the three-method comparison. It is interesting to see that for relatively simple profiles for AOI 1 and 2 at least for the top of the cliffs the results are very comparable, while for more complex profiles usually cliff top selection performs better than cliff toe selection, and at least at the stage 2 level of *CliffDelineaTool*. I would expect improved results in the other methods if the additional code is run to eliminate outliers and refine their code parameters, while this table shows results when running the code with default parameters.

Lines 230 to 245 are a nice comparison synopsis of the three considered methods, especially since all three basically use the initial methodology described by Palaseanu-Lovejoy et al (2016) to select the base and top of a cliff on transects but differ in how each method treats generating the transects, outliers and complex cliff profiles. The authors of the *CliffDelineaTool* made the effort to incorporate in the main function outlier elimination and selection rules to choose either base or top of the cliff when multiple candidates are available, while the methods presented by Palaseanu-Lovejoy (2021) and Payo (2020) leave the decision to the user if they will run the extended code to improve results. Ultimately all three methods need a final visual inspection to ensure the quality of the results.

In conclusion the revised manuscript is improved in clarity and presentation and I am suggesting to accept it for publication.