

Interactive comment on “Cohesive and mixed sediment in the Regional Ocean Modeling System (ROMS v3.6) implemented in the Coupled Ocean Atmosphere Wave Sediment-Transport Modeling System (COAWST r1179)” by Christopher R. Sherwood et al.

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Final author response to interactive comments by three Anonymous Referees and the Editor on “Cohesive and mixed sediment in the Regional Ocean Modeling System (ROMS v3.6) implemented in the Coupled Ocean Atmosphere Wave Sediment-Transport Modeling System (COAWST r1179)” by Christopher R. Sherwood et al.

We thank the three anonymous referees for helpful and constructive comments on our

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draft manuscript. We especially thank editor Guy Munhoven for enlisting the referees and helping to moderate the discussion.

The comments have led us to make moderate but important revisions to the manuscript. We have added 23 references and modified the table and three of nine figures. We have rearranged section 2 (Model Processes) and added an equation to clarify our presentation of model processes. Most importantly, we have expanded our introduction and discussion to address issues raised by the referees. We hope these changes make our presentation clearer and more compelling. The title of the final paper will be changed to reflect the most recent source code repository revision number.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2017-267>, 2017.