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Ocean Science Discussions

Interactive comment on "Monitoring of seasonally variability and movement of suspended sediment concentration along Thiruvananthapuram coast using OLI sensor" *by* Bismay Ranjan Tripathy et al.

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Q: Instead of only two tie points to represent pre-and post-monsoon seasons, multiple scenes of different dates and different years of data should be included. The average conditions from the multiple scenes should be used for strengthening the discussion part.

Ans: The primary aim of this study is to develop and validate the generic model (algorithm) for estimation of SSC for particular data - OLI image analysis. The aim has been fulfilled and the derived output was validated based on in-situ survey data and coastal change measurement at the SSC deposited and eroded sites.

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Discussion paper

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