

# Review of: "A Research Note on Natural Reclamation Processes that Support Mangrove Biodiversity Spheres: Sedimentation in Three Major River Deltas in Northwestern Luzon Using Aerial Imagery"

Ariana Osman

Potential competing interests: No potential competing interests to declare.

This research note was an enjoyable read illustrating delta front accretion and its associated increase in mangrove coverage across three deltas. However, some suggestions which may help improve your article for publication and broaden its interest to research communities in coastal preservation and marine geology are listed. Thank you for sharing your research.

1. Add some details to your introduction to include any previous work, e.g., details on the type of deltas (wave vs tide); delta discharge; whether or if the deltas receive additional sediment from coastal currents; any comment on the average rates of mangrove development; was this research novel?
2. Include clear objectives, e.g., to illustrate new mangrove growth between 1960-2013...
3. At the moment there is no formal discussion, consider adding one. Ideas you can include are: the comparative rates of delta accretion across the 3 deltas; the impact of waves and tides on accretion (does it vary spatially, and is it different across the 3 deltas studies); how do these accretion rates compare to other deltas; How does sea level/ climate change affect the delta front and mangrove growth?
4. In the title you stated "processes that support mangrove biodiversity spheres", however little information is given on how deltaic processes support biodiversity. Consider modifying the title or adding a bit more information to this in the introduction/ discussion.
5. Several great images, however, carefully review their labels, keys, and cross references within the article. Ensure that all major features can be easily read and identified (including scales, indicating spatial coverage of mangrove areas). Also adding some detail within the figure captions would be helpful.