

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"

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Potential competing interests: No potential competing interests to declare.

The research note aimed to provide a contemporary historical record of sedimentation in three river deltas in northwest Luzon, using historical topographic maps and WordView2 images. Here is a list of improvements that can be made across sections:

1. It is very important to add to the introduction more citations of works at regional and global level that show the occurrence of sedimentation processes and the formation of mangroves as an indicator of the environmental change/recovery that occurred in the deltas.
2. So that the last paragraph of the Introduction does not become disconnected, add to the discussion research that addresses the relationship between the use of remotely piloted aircraft (compact COTS-RPAS) and the detection of environments favorable to the emergence of mangroves.
3. Perhaps the lack of clarity of the Methods is a reflection of the text inserted in the Results, which is sometimes confused with the methodology, as for example in the first paragraph of the Results: "The area of interest (AOI) within the three river deltas was outlined and a side-by-side comparison is performed between the 1979 data and the 2013 data". Another example is the justification for the combinations used due to the spectral behavior of the sedimentation resources "In the case of the Aringay delta, the bathymetry combinations Worldview 2 (green band-blue band-blue coastal band) and coastal (coastal band blue-yellow band-red-edged band) because the combinations improve sedimentation resources in the Aringay delta".
4. Explore further the indicators and possible processes that support increased sedimentation and area recovery.
5. Decrease the contour line of the Figures to give the reader greater lightness in the visualization.
6. Provide a link to access the videos, as not all readers have access to QRcode.