

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.

Although there is some material value to this research note, which makes an attempt to extract coastline changes using topographic maps made from aerial images taken in the 1960s and 1970s and high-resolution satellite imagery from 2013, there are a number of issues that need to be addressed. These are discussed below.

1. It is best to keep titles simple. Suggested Title - A Research Note on Natural Reclamation Processes that Support Mangrove Biodiversity Spheres: Using Aerial Imagery to Monitor Sedimentation in Three Major River Deltas in Northwestern Luzon.
2. In Abstract- Change the line-“In this research note, I provide a contemporary historical record of the sedimentation in three river deltas in Northwestern Luzon: the Bauang/Naguilian, Aringay, and Amburayan Rivers”. - Don't use passive voice like i, use active voice.
3. Fig 1- It was difficult to see the Delta and the river network. More focus required for research sites. All figure captions must be short and clear.
4. After some heavy rains in the **upriver areas**, a mix of organic materials, like dry stems leaves branches and others, are mixed with non-organics, including dislodged sediments from the **upriver areas**. Use word like upstream areas.
5. “In another article, I have shown how the newer compact consumer off-the-shelf remotely piloted aircraft systems (compact COTS-RPAS) are proving quite useful in biodiversity studies (Canilao 2023)”.- Don't use passive voice like i, write it in active voice.
6. Fig 11 and Fig 15 are same. If Fig 11 indicate Bauang River Delta. How you use it as Amburayan River Delta (Fig 15)?
7. Results must be more clear when it comes to detecting river changes. On change detection over river and delta formations, at least three observations should be taken into consideration.
8. Additional study-specific conclusions are needed, properly relating your findings. Additionally, explain how this research discovery benefits the research community and the study's future direction.
9. Introduction: presenting style is awful. A broad introduction and literature review should be included in the first stage of the introduction. A brief introduction to the study area should be included in the second stage, and the research gap and objectives should be included in the last part of the introduction.

10. More literature reviews required.
11. The approach must be clearly defined and include a thorough flowchart that outlines the data collected and the methods used to reach the results.

Major revision should required for the study. All the best.