

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"

Vanesa Magar

Potential competing interests: No potential competing interests to declare.

In this paper, remote sensing, UAV photographs and GIS have been used to analyse morphology and mangrove density changes in three river deltas in the Philippines, by comparing images from 1979 and 2013. The note is interesting but missing quantitative data comparing the changes in morphology and the link between those changes and mangrove biodiversity is lacking. Also, some information needs to be presented in more detail.

Figure 2: Deltaic sediment deposits are commonly called deltaic shoals or sandbanks, not islands nor islets.

Figure 8: doesn't have a date.

"Horizontal or side-looking imagery taken by the COTS RPAS also provides validation of the satellite data specifically the density of mangroves in the new landform (Figure 12)." What is the relevance of the density for mangrove biodiversity? Some information seems to be missing, or the title needs to be adjusted.

I had not seen before videos embedded into papers using WR codes. This is a good idea, but I am not sure what the value of the videos presented here is, because they don't give more quantitative information. The authors should address this by either removing the videos or using them for the analysis.

Check: Figures 11 and 15 show the same image, yet they refer to two different sites. Please revise.