



Corrigendum to **“Potential of optical and ecological proxies to quantify phytoplankton carbon in oligotrophic waters” published in Biogeosciences, 23, 2641–2660, 2026**

David Antoine^{1,2}, Chandanlal Parida¹, and Camille Grimaldi³

¹Remote Sensing and Satellite Research Group, School of Earth & Planetary Sciences, Curtin University, Perth, Australia

²Laboratoire d’Océanographie de Villefranche, Sorbonne Université, CNRS, Villefranche sur mer 06230, France

³Indian Ocean Marine Research Centre, University of Western Australia, Fairway, Crawley, WA 6009, Australia

Correspondence: Chandanlal Parida (chandan.parida@curtin.edu.au)

Published: 12 May 2026

We realized that we missed updating Fig. 7 before submitting the proof corrections. It appears that when we were trying to make the dashed green curve more visible, the function used for the fit on the logarithm of the data was unintentionally modified for another purpose. The correct figure is shown below.

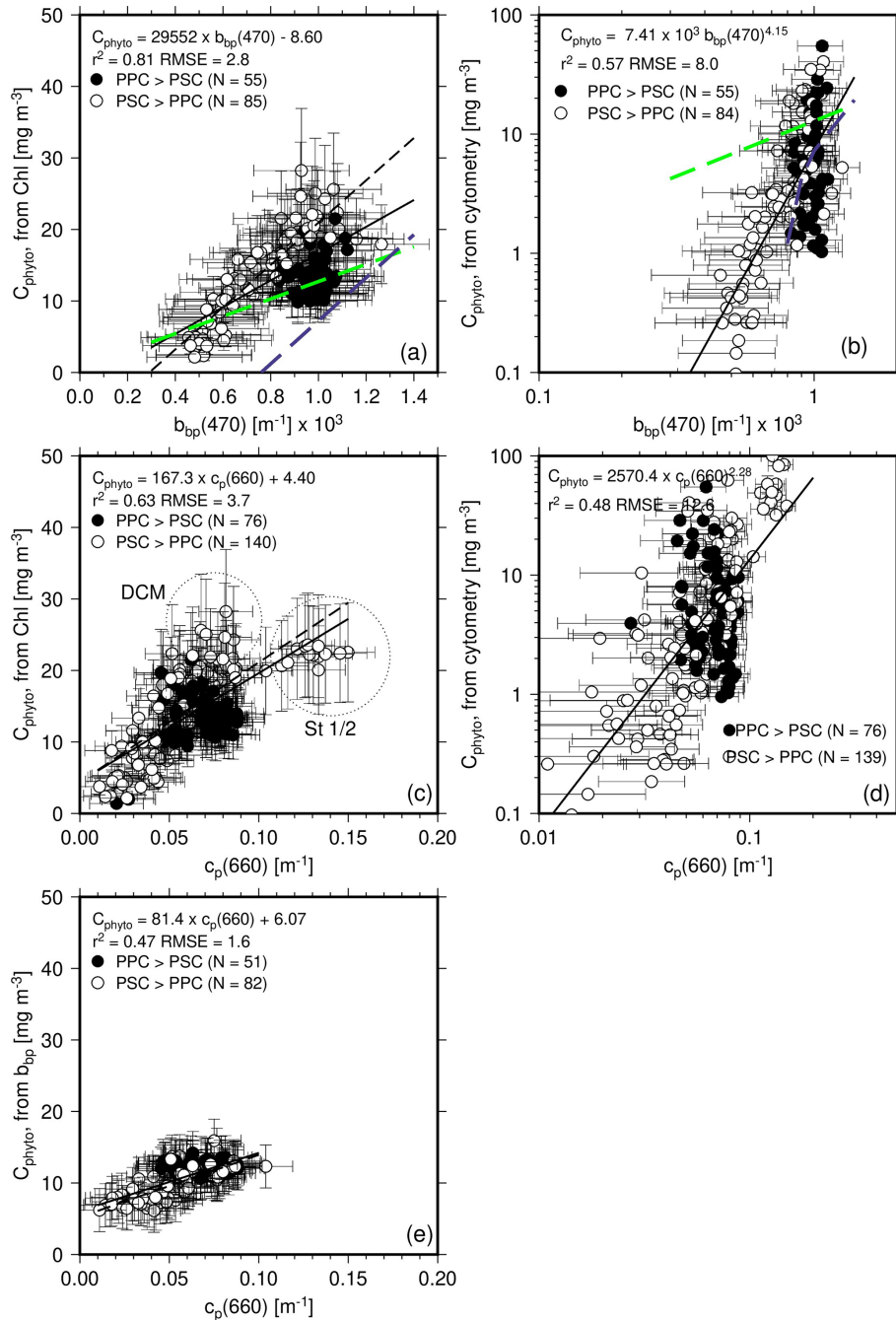


Figure 7. (a) C_{phyto} calculated from the POC vs. Chl a relationship as a function of $b_{\text{bp}}(470)$. The solid black line is the regression line using all data points, while the black dashed line is for the PSC-dominated data only. The Graff et al. (2015) relationship is displayed as the dashed green line and the Martinez-Vicente et al. (2013) as the dashed blue line. (b) C_{phyto} calculated from cytometry data as a function of $b_{\text{bp}}(470)$. The Graff and Martinez-Vicente relationships are superimposed for reference. (c, d) as in (a) and (b) but as a function of $c_{\text{p}}(660)$. (e) C_{phyto} calculated from $b_{\text{bp}}(470)$ as a function of $c_{\text{p}}(660)$. No points appear for $c_{\text{p}} > \sim 0.1$ because no b_{bp} data were simultaneously measured (stations 1–4).