

Review of: "Calculating dissolved marine oxygen values based on an enhanced Benthic Foraminifera Oxygen Index"

Pierre Dias

Potential competing interests: The author(s) declared that no potential competing interests exist.

The manuscript represents a great advance in studies that relate paleoenvironments with recent environments, bringing to light an innovative and very successful approach. By including data from agglutinating organisms, the authors greatly upgrade the previous formulas. This study will certainly be important for future ecological and paleoecological studies aimed at characterizing and evolving these environments over geological time.

The 38% increase in efficiency over the previous formula represents progress in studies and the importance of this group of organisms for the characterization of paleoenvironments, especially for the oil industry.

I suggest that the objective part should be more evident in the text for a better comprehension of the reader.

In view of the above, I consider that the manuscript in question should be accepted for publication.