

Abidan Cohen*

Department of Marine science, Hebrew University of Jerusalem, Israel

Introduction

Figure 1 shows the distribution of the combined modern and paleoceanographic perspectives on ocean heat uptake (OHU) in the North Atlantic Ocean. The figure is a contour plot with latitude on the x-axis (ranging from 30°N to 60°N) and depth on the y-axis (ranging from 0 to 2000 m). The contours represent OHU values, with a maximum of 0.26 W m⁻² at approximately 45°N and 1000 m depth. Other labeled values include 0.026, 0.052, 0.078, 0.104, 0.13, 0.156, 0.182, 0.208, 0.234, and 0.26. The plot is divided into regions A, B, C, D, E, F, and G. Region A is the uppermost layer (0-1000 m), B is the middle layer (1000-2000 m), and C, D, E, F, and G represent different latitudinal zones. The contours show a clear pattern of increasing OHU with depth and latitude.

Figure 2 shows the distribution of the combined modern and paleoceanographic perspectives on ocean heat uptake (OHU) in the North Atlantic Ocean. The figure is a contour plot with latitude on the x-axis (ranging from 30°N to 60°N) and depth on the y-axis (ranging from 0 to 2000 m). The contours represent OHU values, with a maximum of 0.26 W m⁻² at approximately 45°N and 1000 m depth. Other labeled values include 0.026, 0.052, 0.078, 0.104, 0.13, 0.156, 0.182, 0.208, 0.234, and 0.26. The plot is divided into regions A, B, C, D, E, F, and G. Region A is the uppermost layer (0-1000 m), B is the middle layer (1000-2000 m), and C, D, E, F, and G represent different latitudinal zones. The contours show a clear pattern of increasing OHU with depth and latitude.

References

- 1.

*Corresponding author: Abidan Cohen, Department of Marine science, Hebrew University of Jerusalem, Israel; E-mail: xingmei.001@tsinghua.org

Received: August 01, 2021; Accepted: August 14, 2021; Published: August 21, 2021

Citation: Cohen A (2021) The Combining Modern and Paleoceanographic Perspectives on Ocean Heat Uptake. J Marine Sci Res Dev 11: 326.

Copyright: © 2021 Cohen A. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.