

## Long Core: Results/Updates

### Results/Updates



Archived long core samples at the WHOI Sea Floor Samples Lab.

### Peer-reviewed publications

Huang, Kuo-Fang, Delia W. Oppo, and William B. Curry. "Decreased Influence of Antarctic Intermediate Water in the Tropical Atlantic during North Atlantic Cold Events." *Earth and Planetary Science Letters* (2014): 200-08. [doi: 10.1016/j.epsl.2013.12.037](https://doi.org/10.1016/j.epsl.2013.12.037)

Kallmeyer, J., R. Pockalny, R. R. Adhikari, D. C. Smith, and S. D'hondt. "Global Distribution of Microbial Abundance and Biomass in Subseafloor Sediment." *Proceedings of the National Academy of Sciences* 109 (2012): 16213-6216. [doi: 10.1073/pnas.1203849109](https://doi.org/10.1073/pnas.1203849109)

Keigwin, L.D. and C.H. Pilskalns. "Sediment flux and Recent paleoclimate in Jordan Basin, Gulf of Maine." *Continental Shelf Research*. (In press).

Nace, Trevor E., Paul A. Baker, Gary S. Dwyer, Cleveson G. Silva, Catherine A. Rigsby, Stephen J. Burns, Liviu Giosan, Bette Otto-Bliesner, Zhengyu Liu, and Jiang Zhu. "The Role of North Brazil Current Transport in the Paleoclimate of the Brazilian Nordeste margin and Paleoceanography of the Western Tropical Atlantic during the Late Quaternary." *Palaeogeography, Palaeoclimatology, Palaeoecology* (In press). [doi: 10.1016/j.palaeo.2014.05.030](https://doi.org/10.1016/j.palaeo.2014.05.030)

Roberts, Natalie L., Alexander M. Piotrowski, Henry Elderfield, Timothy I. Eglinton, and Michael W. Lomas. "Rare Earth Element Association with Foraminifera." *Geochimica Et Cosmochimica Acta* 94(2012): 57-71. [doi: 10.1016/j.gca.2012.07.009](https://doi.org/10.1016/j.gca.2012.07.009)

Roy, H., J. Kallmeyer, R. R. Adhikari, R. Pockalny, B. B. Jorgensen, and S. D'hondt. "Aerobic Microbial Respiration in 86-million-year-old Deep-sea Red Clay." *Science* 366 (2012): 922-25. [doi: 10.1126/science.1219424](https://doi.org/10.1126/science.1219424)

### Dissertations and theses

Bova, S. (2013) *High latitude controls on eastern equatorial Pacific intermediate water circulation during the last glacial termination*. (Sc.M. thesis) Brown University.

Chazen, C.R. (2011) *Holocene climate evolution of the eastern tropical Pacific told from high resolution climate records from the Peru margin and equatorial upwelling region*. (Doctoral dissertation) Brown University.

Hadley, K. *Diatom Productivity in the Eastern Equatorial Pacific between the End-Pleistocene and the Mid-Holocene*. (Sc.B. thesis) Brown University.

Kalansky, J. (2014) *Internal and Forced Variability of the Equatorial Pacific on Millennial and Centennial Time Scales*. (Doctoral dissertation) Rutgers University.

Klebanoff, M. (2012) *Temperature and productivity changes in the Eastern Equatorial Pacific over the past ~27,000 years*. (Sc.B. thesis)

Brown University.

Mojarro, A. (2011) *Tropical high latitude teleconnections told through Holocene age sediments from the eastern tropical Pacific*. (Sc.B. thesis) Brown University.

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