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Offshore expansion of the Brazilian coastal upwelling zones during Marine Isotope

Stage 5

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Abstract

Paleoceanographic reconstructions in upwelling regions can provide relevant information about changes in primary productivity, ocean–atmosphere interactions, and the carbon budget. Here, we assessed new data on planktonic foraminifera from a sediment core located near to coastal upwelling zones along the Brazilian Coast. Our new data were combined with previous records to reveal the state of upwelling systems along the western South Atlantic margin throughout the last two deglacial and interglacial periods *sensu lato*. Despite the contemporary oligotrophic scenario of the

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