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at the South Brazil Bight

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### Abstract

The enrichment of the euphotic zone and the production of organic matter (OM) are induced by wind-driven processes that change the water mass distribution in the central inner and mid continental shelf of Santa Catarina State (27°18'-27°37'S), South Brazil Bight (23-28.5°S). During austral summer, the Ekman transport by north-eastern winds is

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