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# On the influence of Subtropical Mode Water on the South Atlantic Ocean

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## Highlights

- The sources of South Atlantic Central Water (SACW) are investigated.
- The contribution of the STMW<sub>14</sub> to the SACW is regionally confined by the Brazil Current recirculation gyre.
- The relative contribution of the AAIW and the SIMW to the SACW increases from east to west.
- The influence of the SIMW in the climatological structure of the SACW is relatively small but not negligible.

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