

# Press Release



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## How the South Atlantic influences the global ocean current system

**New review paper synthesises recent knowledge about the role of the South Atlantic Ocean in the marine overturning circulation and reveals the power of inclusive science**

**24.01.2023/Buenos Aires/Miami/Kiel.** Fifteen years after the inception of the international South Atlantic Meridional Overturning Circulation (SAMOC) initiative, substantial advances have been made in observing and understanding the South Atlantic component of the Atlantic Meridional Overturning Circulation (AMOC). This global ocean current system is crucial for our weather and climate. A recent publication involving GEOMAR Helmholtz Centre for Ocean Research Kiel (<https://doi.org/10.1016/j.jmrp.2023.100001>) is available on the preprint server [arXiv:2301.09110](https://arxiv.org/abs/2301.09110).



