

# Press Release

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The investigations are based partly on a ship expedition carried out along the equator at the end of 2019 with the German research vessel METEOR. This expedition included a physical, chemical, biogeochemical and biological measurement programme that supports the development of climate-based predictions for marine ecosystems as part of the EU-funded TRIATLAS project. While another expedition with RV METEOR along the equator had to be cancelled due to the COVID-19 pandemic, several long-term moorings in the tropical Atlantic - including the one at the equator - will now be recovered and redeployed during an additional expedition with RV SONNE in June-August 2021, of course under strict quarantine conditions.

**Reference:**

Brandt, P., J. Hahn, S. Schmidtko, F.P. Tuchen, R. Kopte, R. Kiko, B. Bourlès, R. Czeschel, M. Dengler, 2021: Atlantic Equatorial Undercurrent intensification counteracts warming-induced deoxygenation, Nature Geoscience, doi:10.1038/s41561-021-00716-1

**Links:**

<https://www.brest.ird.fr/pirata/> PIRATA Project

<https://www.geomar.de/forschen/fb1/fb1-po/schwerpunkte/ozeanische-zirkulation/trop-atlantik>

GEOMAR Web page on circulation in the tropical Atlantic

<https://triatlas.w.uib.no> Triatlas Project

**Images:**

At [www.geomar.de/n7711-e](http://www.geomar.de/n7711-e) images are available for download.

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