

# Press Release

36/2020

## **Short wind turns with strong cooling effect Why the ocean in the tropics is often colder than expected**

**31 J 2020/K . Why is the sea surface temperature of the northern tropics in the summer months often lower than expected? This question was investigated by a German-American team of scientists led by the GEOMAR Helmholtz Centre for Ocean Research Kiel. Their results, which have now been published in the international journal *Nature Climate Change*, show that a short-term, wind-driven wave phenomenon provides very efficient vertical mixing and cooling of the upper water layer.**



