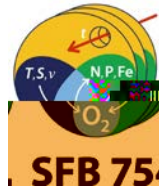


# Press Release



16/2017

## **Four-month Cruise with German RV METEOR off Peru Collaborative Research Centre 754 investigates oxygen minimum zone in the Southeast Pacific**

06.03.2017/Kiel, Valparaiso. **Last week, the first of four consecutive expeditions with the German research vessel METEOR started in Valparaiso (Chile) to investigate the oxygen minimum zone off the coast of Peru. For four months scientists from Kiel's Collaborative Research Center 754 "Climate - Biogeochemical Interactions in the Tropical Ocean" will examine the consequences of global change for the oxygen distribution in the tropical East**

repeated. Thus the research will provide information about changes that could not be detected by single measurements.

The coming months will be very busy for the members of the SFB 754, especially for those who are taking part in several legs of the expedition. At the same time, the four consecutive cruises are scientifically a great opportunity. "It is only through the combination of the most diverse measurements that we can understand the context of oxygen decrease in the ocean and its impact on marine life, the chemical changes and the effects on the coastal states," emphasizes Dr. Lothar Stramma of GEOMAR, cruise coordinator of the SFB.

**Note:**

The Collaborative Research Center 754 (SFB 754) "Climate-Biogeochemical Interactions in the Tropical Ocean" was established in January 2008 as a cooperation between Kiel University, the GEOMAR Helmholtz Centre for Ocean Research Kiel and the Max Planck Institute Bremen. The SFB 754 investigates changes in the oceanic oxygen content, their possible impact on oxygen minimum zones and the consequences on the global interaction of climate and biogeochemistry in the tropical ocean. The SFB 754 is funded by the German Science Foundation (DFG) and is currently in its third phase (2016-2019).

**Links: in**