



**SFB 754**

# Ocean Deoxygenation: Drivers and Consequences • Past • Present • Future •

# INTERNATIONAL CONFERENCE KIEL GERMANY

**3 – 7 September 2018**

The distribution of oxygen in the ocean is controlled by physical, biogeochemical and biological processes. Both the supply and consumption of oxygen are sensitive to climate change in ways that are not fully understood.

Recent observations suggest that the oxygen content of the ocean is declining (**ocean deoxygenation**) and that oxygen minimum zones and coastal hypoxia sites are expanding with tremendous effects on the ocean's ecosystems and living organisms.

**The call for submission opens December 2017.**

## Conference sessions will cover following topics:

- Prediction & monitoring
- Impacts on ecosystems
- Impacts on fisheries / socioeconomics
- Coastal systems
- Major upwelling systems
- Physiological effects & multiple stressors
- Ventilation / oxygen supply
- Oxygen consumption / microbiology
- Paleo perspective
- Biogeochemical feedbacks

## More information:

[www.sfb754.de/o2conference2018](http://www.sfb754.de/o2conference2018)

