

## Master thesis: Ecophysiology of seagrass at the Plantagenetground in the Baltic Sea (m/f/d)

### Background

Seagrasses are marine flowering plants that offer great ecological services such as sediment stabilization, filtering nutrients and pathogens from the water and providing shelter and food to marine fauna and flora. Light availability is necessary for photosynthesis of seagrass. In this study, we focus on the ecophysiology in seagrass meadows at the Plantagenetground in the south-west Baltic Sea.

### Where

University of Rostock, Faculty of Interdisciplinary Research, Department Maritime Systems

### Tasks

As seagrass is a protected biotope (§ 30 BNatSchG) measurements will take place in the field. Different parameters are investigated (light availability, photosynthesis, shoots/m<sup>2</sup>, length of shoots).

### Requirements

We are looking for a Master student (Biology/Ecology/Physiology) who is a scientific diver (European Scientific Diver) or is attending the education at the moment.

### You are interested?

Then please send your application with Cover letter and CV (with all documents merged into one PDF file) by e-mail to: [anne.herbst@uni-rostock.de](mailto:anne.herbst@uni-rostock.de)

For further information please contact Dr. Anne Herbst.