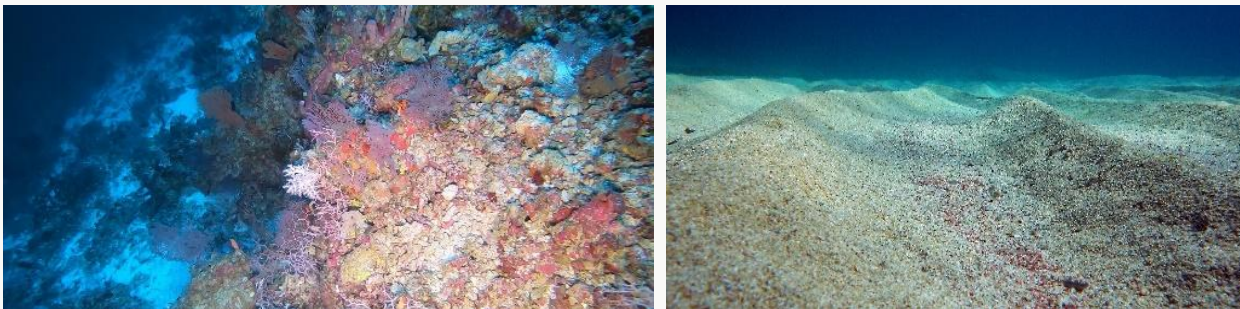
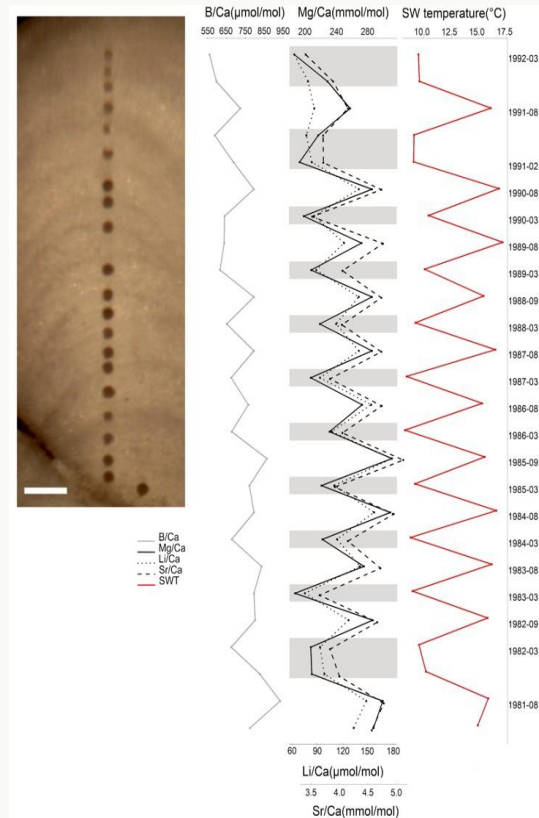
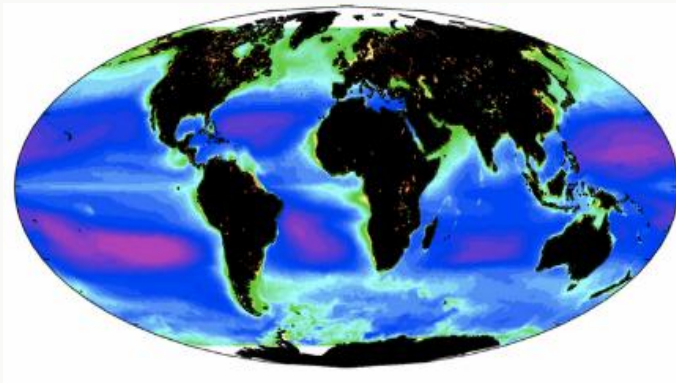
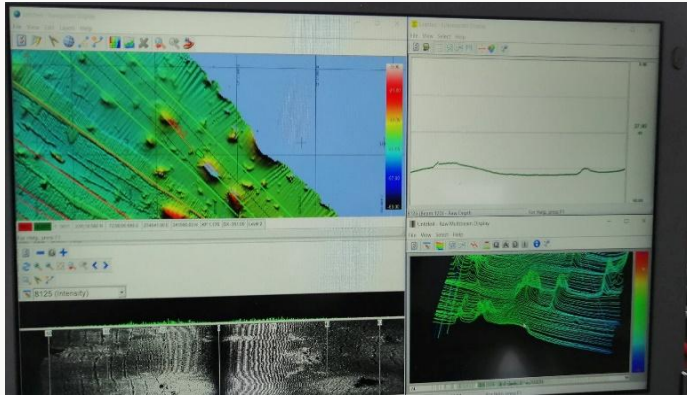


## Geo-Environmental Area



**The Geo-Environmental Area embraces the study of abiotic and biotic components of marine and coastal ecosystems, focusing on the understanding of short- and long-term interplays between physical processes and marine organisms, with emphasis on climate changes.**

## Geo-Environmental Area



The main topics are:

- ★ Ocean technology for seafloor and habitat mapping
- ★ Modern methods and equipment involved in exploring and monitoring the seabed
- ★ Sediments and benthos characterization, including biocostructions
- ★ Geo-biological processes
- ★ Climate and global changes in the oceans
- ★ Ocean circulation, acidification, sea-level rise or coastal erosion
- ★ Conservation paleobiology and Ecological baseline

## Geo-Environmental Area

- Biogeosciences and global changes (1st year)
- Marine Geomorphology (1st year)
- Physical oceanography (1st year)
- Chemistry of the marine environment (1st year)
- Applied geomorphology & habitat
- Applied marine geology
- Applied Micropaleontology & Biomonitoring
- Conservation Paleobiology
- Ocean monitoring & data analysis
- Coastal risks and dynamics

Mandatory courses in red

