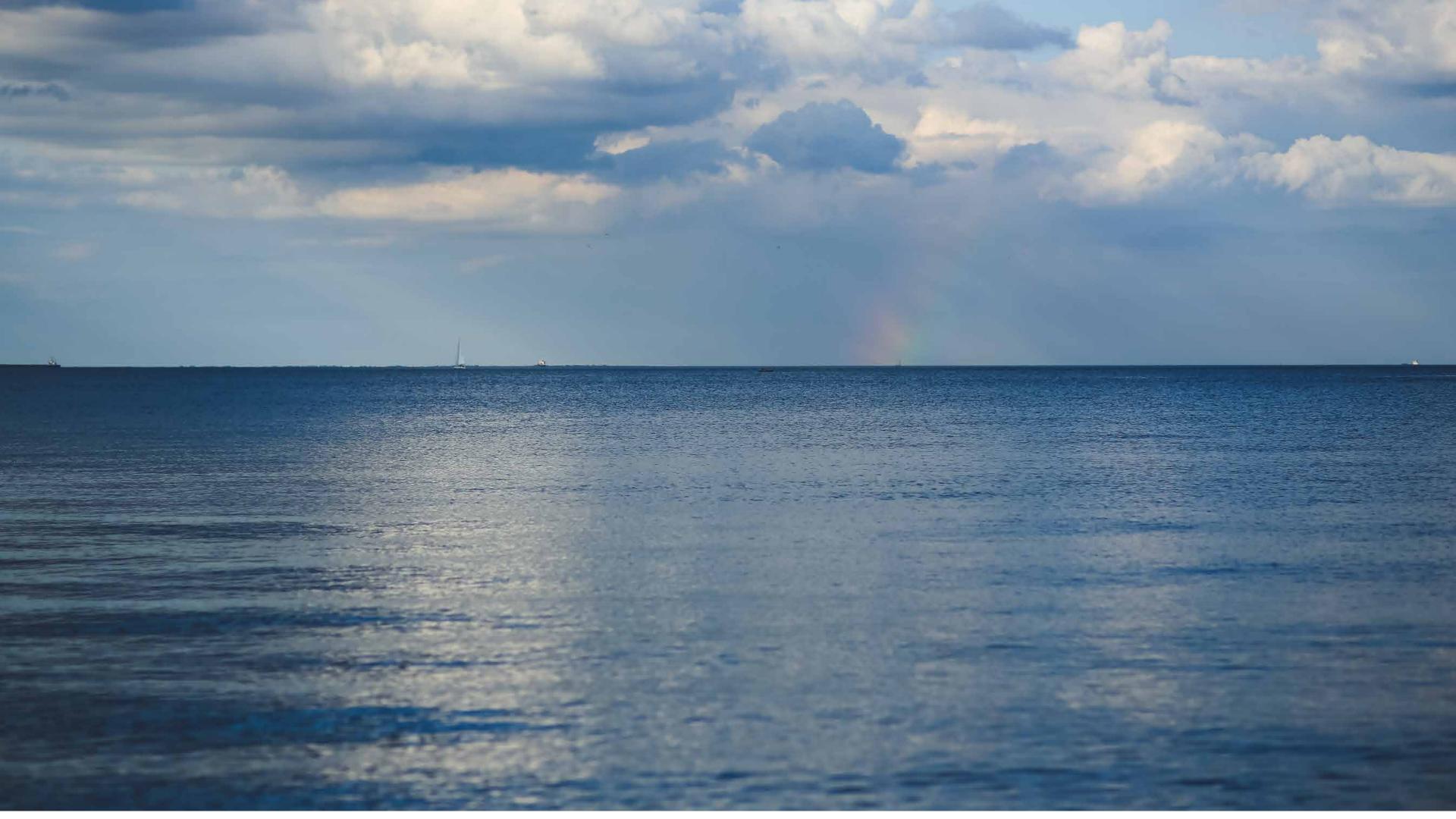


Hana Hanžek-Turnšek MSc in Conservation Biology







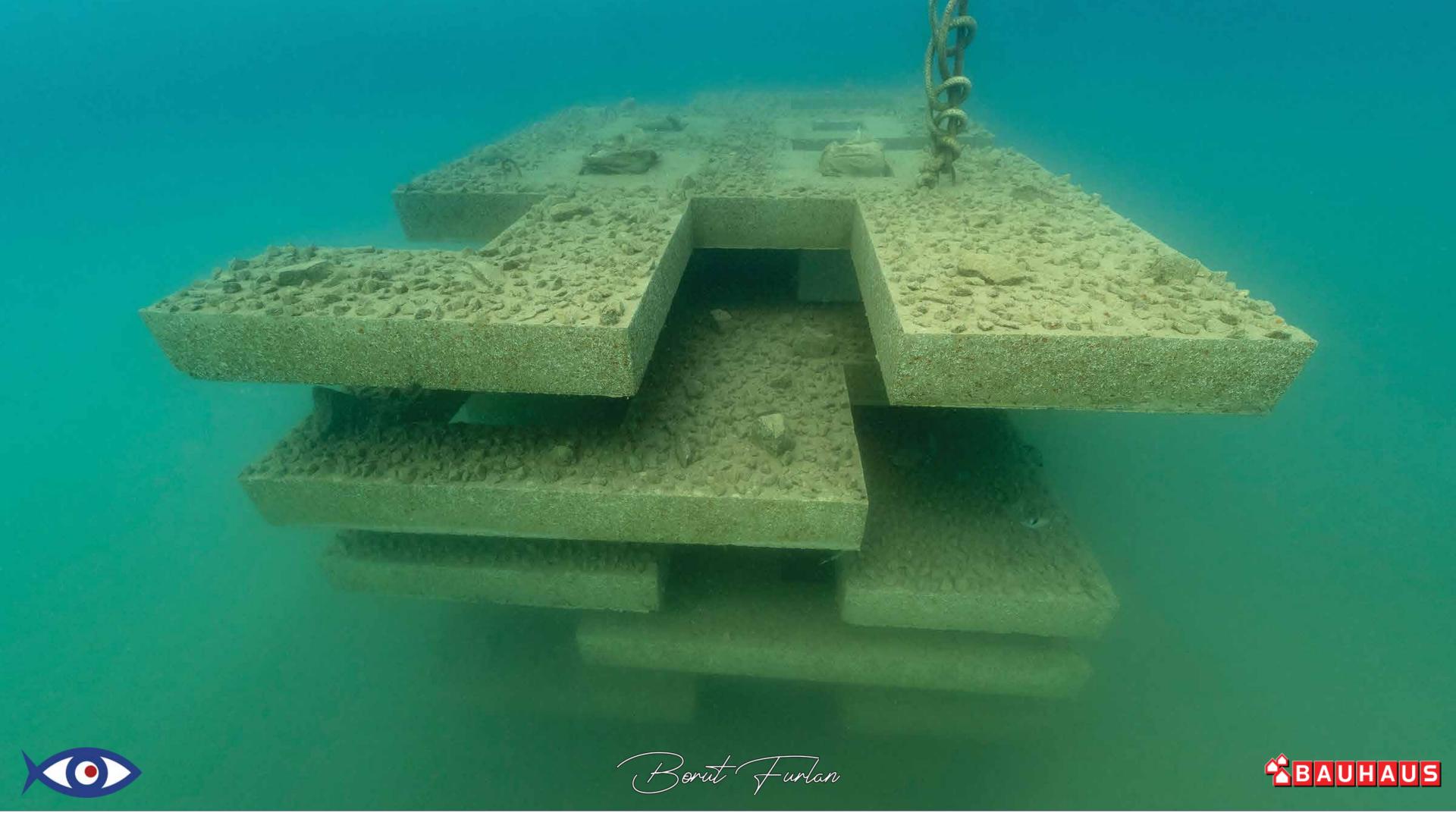
THREATS TO MARINE BIODIVERSITY

- INDUSTRIALISATION
- COASTAL DEVELOPMENT
- POLLUTION (organic, plastic, oil spills, toxic elements...)
- MARITIME TRAFFIC (noise, vessel strikes, sediment suspension...)
- MASS TURISM
- UNSUSTAINABLE FISHERIES
- INVASIVE SPECIES
- CLIMATE CHANGE (SST warming, sea level rise, acidification...)

etc.



Leading to loss of biodiversity and ecosystem degradation.















Borut Furlan

BAUHAUS



OBJECTIVE 1: Sustainable multitrophic mariculture

Colonisation and harvesting of edible or otherwise consumable organisms.

(mussels, oysters, sea urchins...)











OBJECTIVE 2: Research

Monitoring of colonisation of organisms: What? Where? When? How much?



In collaboration with





OBJECTIVE 3: Organic matter filtration

Colonisation of bivalve species, which are great filtrators and consume organic matter from the water column. - Wastewater management potential.















OBJECTIVE 4:

Biodiversity conservation and fisheries support

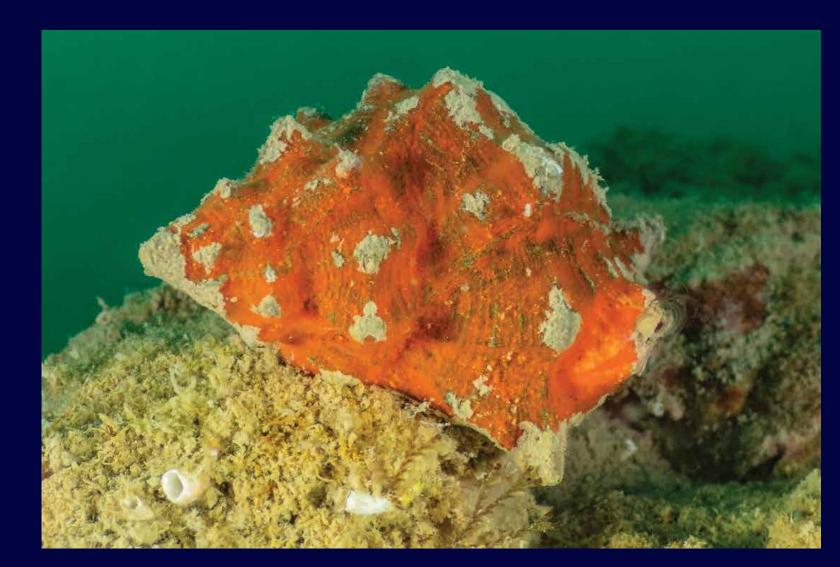
Repopulation center for economically important fish and other species.

















OBJECTIVE 5: Carbon sequestration

Some organisms (shells, snails, polychaetes) fix carbon dioxide in the process of shell formation (calcium carbonate - CaCO₃).













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