

Lab of Marine Monitoring & Ecology Research Center Vlora

Advancing marine science.
Protecting coastal ecosystems.
Empowering sustainable futures.

Who we are

The Marine Monitoring and Ecology Research Center (MMERC), established at the University "Ismail Qemali" Vlora, is a cutting-edge scientific hub dedicated to understanding, protecting, and sustainably managing marine and coastal ecosystems. Funded through the Scientific Research Infrastructure Projects Program (PIKSH) 2025–2026, the Center represents a major step forward in strengthening Albania's research capacity and innovation in marine and environmental sciences.

Our vision

To become a leading regional reference center for marine research, environmental monitoring, and scientific innovation in the Mediterranean — bridging science, education, industry, and environmental policy.



What we aim to **achieve**

01. Deliver high-quality scientific data to support sustainable coastal development

02. Promote evidence-based environmental decision-making

03. Advance innovative research in marine ecology and biodiversity

04. Empower students, researchers, and professionals through modern scientific infrastructure

05. Foster collaboration between academia, public institutions, and industry

Our core **fields of operation**

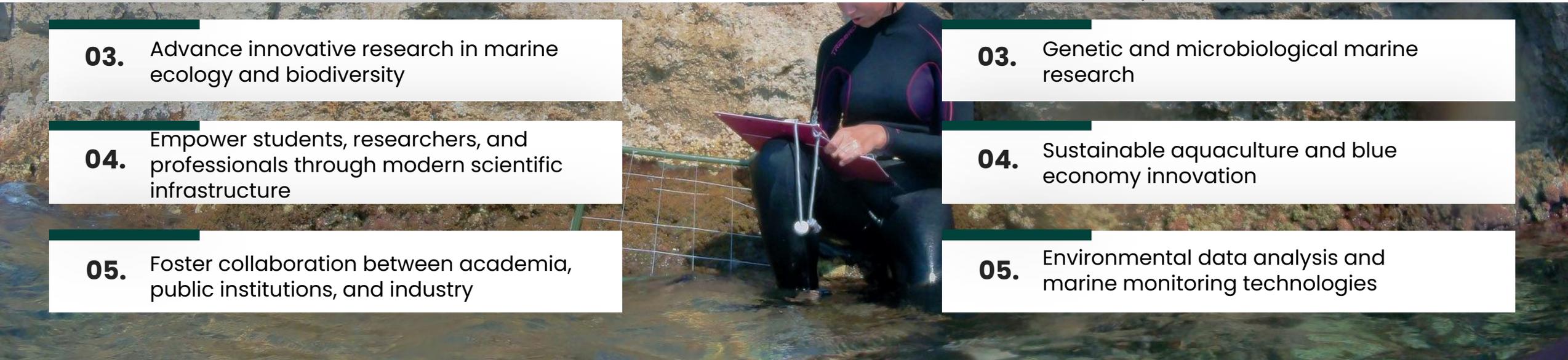
01. Marine ecology and biodiversity monitoring; Coastal ecosystem conservation and restoration

02. Marine pollution and environmental impact assessment; Climate change and ecosystem resilience

03. Genetic and microbiological marine research

04. Sustainable aquaculture and blue economy innovation

05. Environmental data analysis and marine monitoring technologies





Services for partners and external stakeholders

01. Data collection, analysis, and scientific reporting for public and private sectors

02. Environmental monitoring and ecological assessments; Laboratory analyses of marine and coastal samples

03. Scientific consulting for environmental impact and sustainability projects

04. Access to advanced laboratory facilities and research infrastructure

05. Training programs, workshops, and technical capacity building

Research focus areas

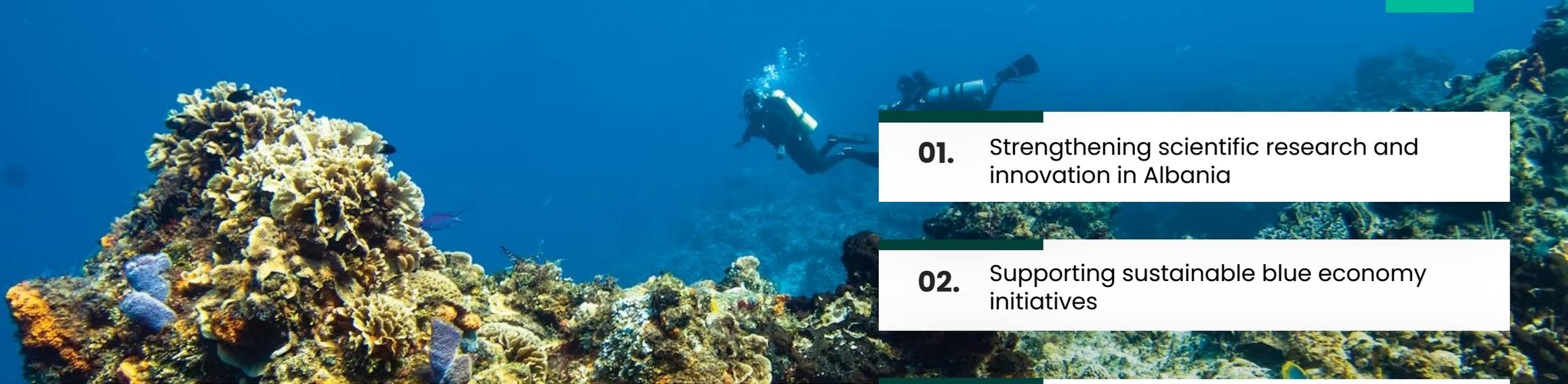
01. Structural analysis, hardness testing, and material performance evaluation

02. Remote sensing technologies and drone-assisted scientific observation

03. Digital modeling, 3D scanning, and additive manufacturing

04. Development of experimental and analytical methodologies

05. Integrated lab-to-field applied research workflows



Our impact

By combining advanced infrastructure, scientific expertise, and strong partnerships, the Lab of Marine Monitoring and Ecology Research Center contributes to:

- 01.** Strengthening scientific research and innovation in Albania
- 02.** Supporting sustainable blue economy initiatives
- 03.** Educating the next generation of marine scientists
- 04.** Protecting biodiversity and marine resources
- 05.** Providing reliable data for environmental policies and coastal management