



The European Marine Biological Resource Centre - ERIC

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What is EMBRC-ERIC?

Distributed Research Infrastructure of technologically and scientifically advanced marine biological research institutes (marine stations)



EMBRC
EUROPEAN
MARINE
BIOLOGICAL
RESOURCE
CENTRE



EMBRC-ERIC provides access to:

Coastal marine ecosystems: vessels, SCUBA, ROV, LTER-sites, ...

Marine biological resources: culture collections, taxonomic id., ABS-clearance, ...

Experimental facilities: mesocosms, bioreactors, climate controlled rooms, ...

Technology platforms: microscopy, molecular biology, chemical analysis, ...

Basic E-services and data: raw data-polishing, omics analyses, modelling, ...

Supporting facilities: lab-space, teaching, training, hosting & catering, ...

Expert advice: prototype development & testing, ...

Research services operated by expert support staff

Our EMBRC users and stakeholders

Users: students, scientists, engineers:

from academia, private sector, NGOs, polities

Life sciences and engineering (including non-marine fields)

Stakeholders: complementary sister RIs:

Offer research service pipelines through multiple RIs (compatibility),

EMBRC: data production & use ⇔ **LifeWatch:** data processing, analysis,

Multi RI outreach events (increased effectiveness & visibility),

Mutual staff exchange and -training (to foster compatibility)

Behind these research services:

In-house scientific communities:

Innovation, keep research services at cutting edge

Taxonomic knowledge

Expert advice & contract research (private sector)

Expert training courses, life-long learning, etc.

Research community initiatives:

LTER stations – augmented observatories; EMO BON project:

EMBRC-ERIC selected partner institutes with **marine LTER sites**

In EMBRC-IT: SZN-Naples, ISMAR-Venice,

2-monthly sampling of plankton & soft bottom (@ some also ARMS)

Shared sampling- and sample processing protocols

Seed-funds: EMBRC ERIC covers HTS metabarcoding

Data openly accessible (FAIR) following short moratorium

Spot your “favourite” invasive species

Thanks

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