

UMEÅ UNIVERSITY

Umeå Marine Sciences Centre

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UMEÅ MARINE SCIENCES CENTRE

Umeå Marine Sciences Centre (UMF) is located in Norrbyn, 40 km south of Umeå.

Established 1989.

Part of Umeå University.

Part of the Swedish Institute for the marine environment.

UMF has a field station with research vessels, laboratories, conference rooms, office, accomodation, workshop and a modern mesocosm facility.

Research, Environmental monitoring and Information.



Websites:

www.umf.umu.se

www.havsmiljoinstitutet.se



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RESEARCH

Support marine research:

- Research vessels and boats
- Field station
- Mesocosm facility

Researchers from universities all over the world are welcome to apply for using the facilities.



ENVIRONMENTAL MONITORING – THE PELAGIC

9 stations - 10 times/year

Research vessels, Hovercraft,
Snowmobile, Helicopter...



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ENVIRONMENTAL MONITORING - THE BENTIC FAUNA

≈200 stations – 1 time/year

Research vessel Lotty/Botnica



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ENVIRONMENTAL ANALYSIS

Status reports

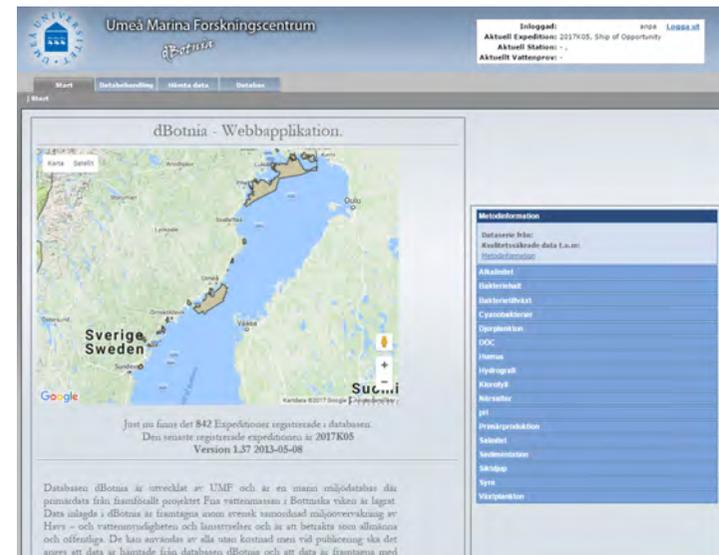
Scientific counselling

Marine environmental databases

- dBotnia

- BEDA

Environmental analysies



INFORMATION

Spread knowledge:

- Web
- Magazines & Brochures
- Lectures
- Tours for visiting groups
- Conferences



RESEARCH VESSELS

Research vessels for research and monitoring.

Universities and government agencies - subsidized costs.

Expeditions are coordinated to keep the costs down.

- KBV 181
- Lotty
- Botnica
- Smaller boats



RESEARCH VESSEL KBV 181

Collaboration with the Swedish Coast Guard since 1994.

Open-sea sampling.

Sampling equipment.

Laboratories for chemical and biological analysis.

L 56m, W 10m, D 5.3m.

Rebuild in 2018!



RESEARCH VESSEL LOTTY

Coastal sampling.

L 16m, W 4m, D 0.8m.

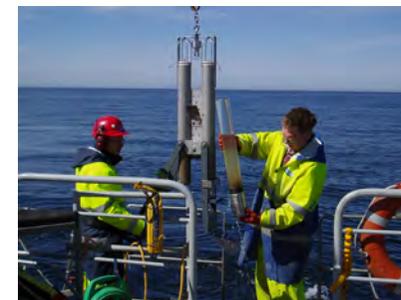
Speed 15-20 kt.

Wire winch.

Sampling equipment.

National monitoring.

Research projects.



RESEARCH VESSEL BOTNICA

Coastal sampling.

L 23m, W 5m, D 1.3m.

Speed 12 kt.

Wire winch.

Sampling equipment.

National monitoring.

Research projects.



SMALLER BOATS

Boats for nearby sampling:

- Gråsuggan
- Trolle
- Smaller boats – Buster, Linder



THANK YOU!

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