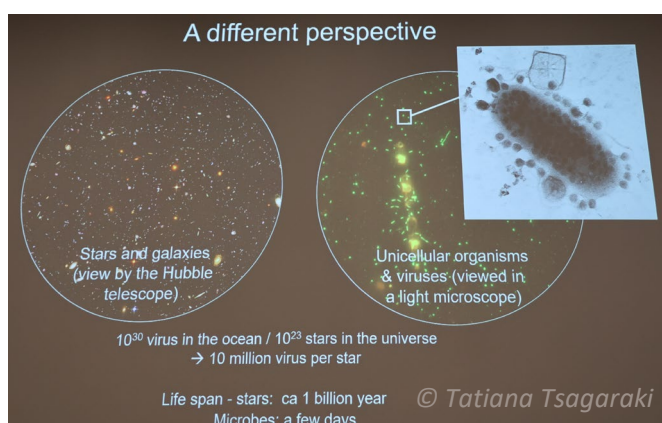


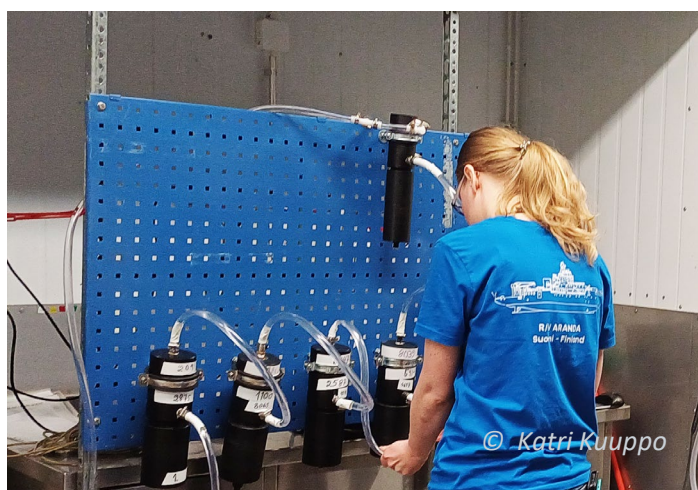
### FINMARI Researcher Days 2026

This year's event was the biggest so far, bringing together 165 participants, 50 posters and 28 oral presentations. Alongside the scientific programme, the meeting also had participants from important stakeholders, including Turku University of Applied Sciences, Metsähallitus, the Finnish Defence Forces, and the City of Helsinki. Picture on the right, presented by one of the keynote speakers Dr. Tatiana Tsagaraki, shows the striking similarity between the universe and the microscopic world of marine microbes.

Program of the ResDay2026 is [HERE](#)



Similarity between the universe and marine microcosmos. Picture from the keynote presentation of Tatiana Tsagaraki.



### Sensor calibration workshop

#### Marine Research laboratory of Syke

Annual calibration workshop of Baltic FerryBox fluorometers was organized in February 2026. Hands-on calibrations of chlorophyll, phycocyanin, CDOM fluorometers and turbidity meters were carried out. Regular calibration of sensors is essential to ensure measurement accuracy and operational reliability.

A video from the workshop is [HERE](#)

### Who's who in FINMARI

**Jani Helminen**  
Senior Scientist  
Fisheries and fish resources  
Natural Resources Institute Finland

Jani is the newest member in the Management Group of FINMARI. He is a fish biologist, focusing on European eel population assessments, as well as use and development of sonar and other novel technologies in the stock assessment of migrating fish. Jani joined the FINMARI Management Group in 2025.

Read more [HERE](#)



### User story

#### Working at Tvärminne Zoological Station

NewsFlash interviewed Martin Grethlein, who is a PhD student at the University of Oulu, the Biodiversity Genomics working group. Martin has carried out his fieldwork on at Tvärminne Zoological Station. He studies the genetics and epigenetics of Baltic blue mussel populations and how they respond to stress.

Read more [HERE](#)

### New publication

#### Behavioural and biochemical effects of underwater noise from vessel traffic on Baltic sea mussels (*Mytilus* spp.)

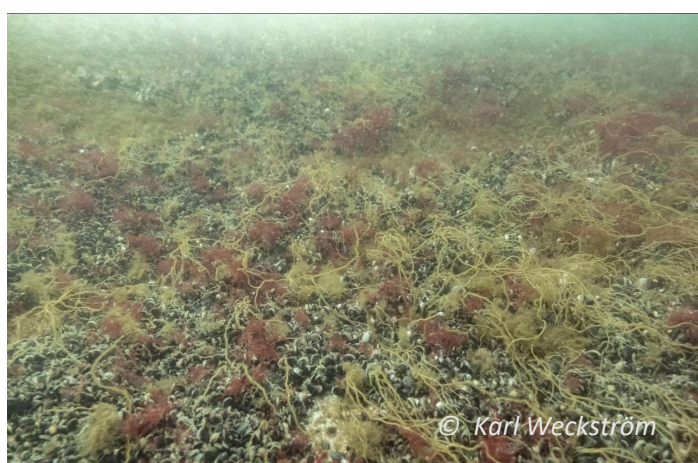
by Rami El-Dairi et al.

A new study provides the first clear evidence that underwater noise from vessels can disrupt both the behavior and physiology of blue mussels (*Mytilus*) in the Baltic Sea. The study underscores the need to consider underwater noise as an environmental stressor in the Baltic Sea and to develop measures that help protect sensitive marine species.

The article is published in *Marine Environmental Research* (2026)  
<https://doi.org/10.1016/j.marenvres.2026.107870>



The first author of the publication Rami El-Dairi in the Marine Research Laboratory of Syke



### FINMARI infrastructure strengthens conservation work

ÅA's researchers use FINMARI facilities within the Biodiversea LIFE IP project to map Åland's offshore benthic habitats with underwater video, test macroalgal settlement in outdoor mesocosms, and study the environmental conditions required for stonewort growth in the controlled indoor aquarium. Together, these efforts directly contribute to regional marine management and restoration.

Read about the Biodiversea project [HERE](#)

### Citizen science to find submarine springs

Groundwater does not stop at the coastline. Submarine springs reveal where freshwater enters the sea. Help us locate and document these important coastal processes. Project [SecuCoast](#) studies the connections of groundwater and sea to protect coastal water resources and restore marine ecosystems.

Link to the Citizen science campaign [HERE](#)

