

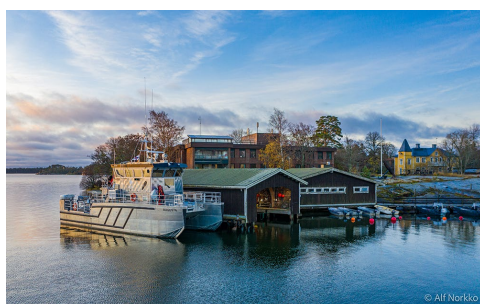


FINMARI Researcher Day 2022

in March 23, on themes Biodiversity and Multi-disciplinary Marine Observation, built on cutting-edge keynote, topical presentations and posters. Deadline for [registration](#) is 21 March.

[read more](#)

Planning to work at Tvärminne Zoological Station in 2022?



Send your application by 31 March 2022. The link is found [here](#). The laboratory facilities are ready in May after major renovation.

[read more](#)

Who's who in FINMARI

Jukka Seppälä,
Head of Unit,
Marine Ecology
Laboratory, SYKE



Jukka has >25 years' experience on plankton research, with the focus on algal pigments, primary productivity and carbon cycling. He is the leader/SYKE PI in several research and infrastructure projects: JERICO, MINKE, Phidias, Nautilus, Alg@line and SeaSink.

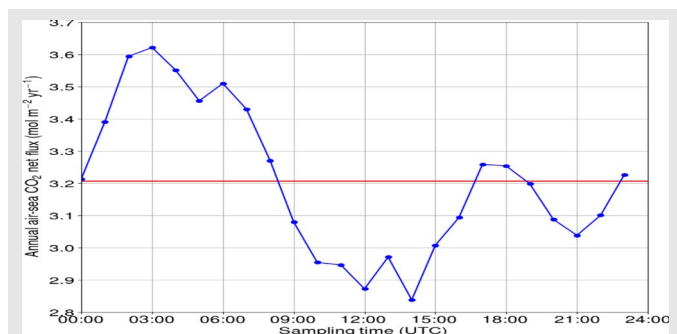
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Aranda winter monitoring 2022

The cruises revealed good oxygen conditions in the Archipelago Sea and the Bothnian Sea. Deep-water oxygen deficit in the northern main basin of the Baltic Sea and in the western Gulf of Finland continue. Phosphorus was high in all Finnish sea areas. In the Bay of Bothnia, the observed concentrations were the highest in measurement history, and high also in the Bothnian Sea and the Gulf of Finland.

[read more](#)



Large variation in CO₂ observations affects the carbon flux estimates between the sea and atmosphere

High-frequency measurements at the [Utö field station](#) reveal considerable diurnal variation in CO₂ observations. The finding highlights the importance of continuous surface pCO₂ measurements at fixed locations for the assessment of the short-term variability of the carbonate system and the correct determination of air-sea CO₂ fluxes.

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