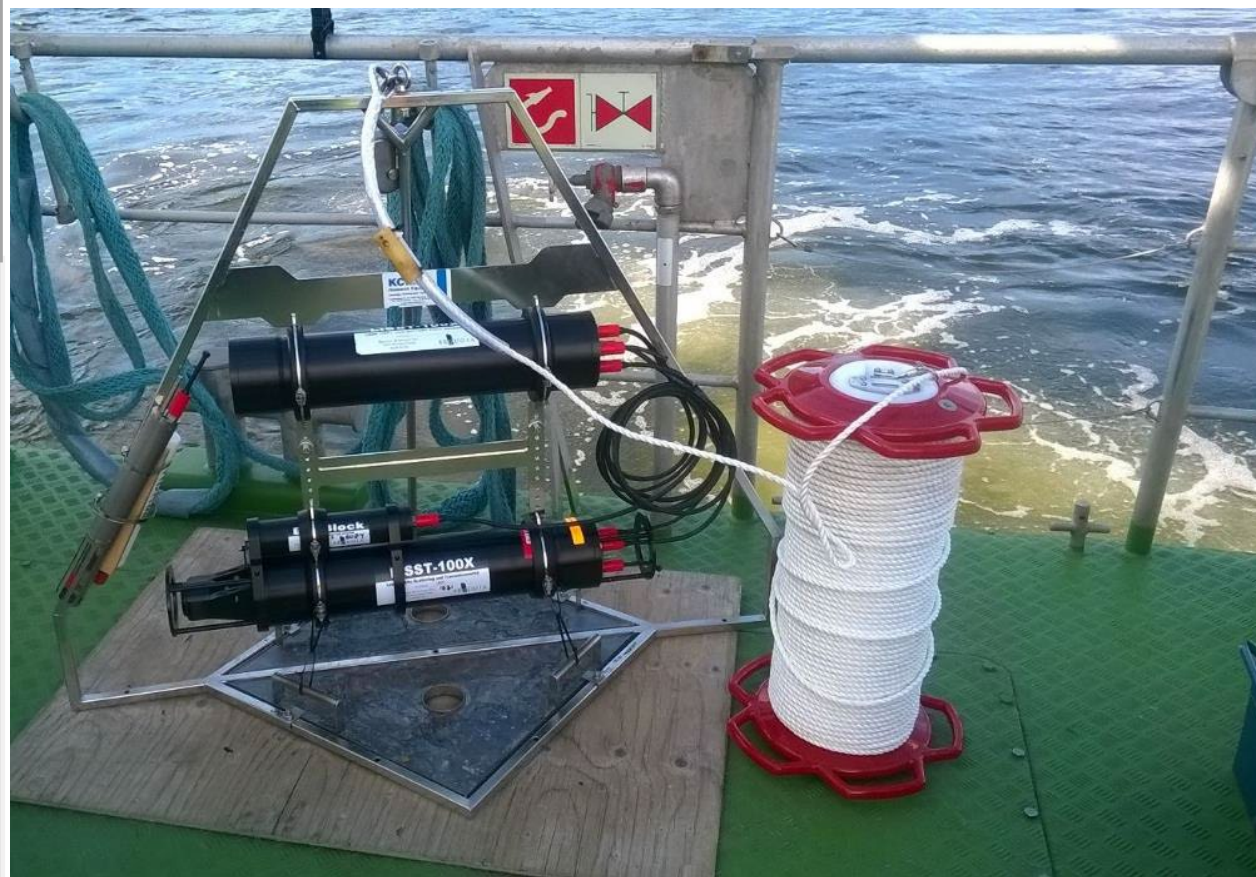


Sensoriitta

Instrumented multiparameter sensor frame

A multiparameter instrumented sensor frame for the study of sedimentation dynamics. It can be used both for water column profiling and as a seafloor lander for prolonged autonomous operation



Geological
Survey of
Finland (GTK)

- Sensoriitta frame can carry several instruments
- [Sequoia LISST-100X](#) type B suspended particle size distribution sensor
 - Particle Size Distribution (1.25-250 μm)
 - Volume Concentration (1-750 mg/L)
 - Optical Transmission
 - Temperature
 - Depth
 - BioBlock antifouling system for prolonged deployments
- [Sea & Sun Technology CTD90M](#) multiprobe
 - Optical dissolved oxygen
 - Temperature
 - Salinity
 - Depth
 - Turbidity by optical backscatter ([Seapoint Sensors](#))
 - Current flow direction and velocity (ISM-2001C, [HS Engineers](#))
- [Fiomarine Fiobuoy AC200](#) acoustic release