



1st ICOS OTC $p\text{CO}_2$ instrument inter-comparison exercise

When?

24. August - 04. September 2020

Where?

Flanders Marine Institute (VLIZ) in Oostende/Belgium

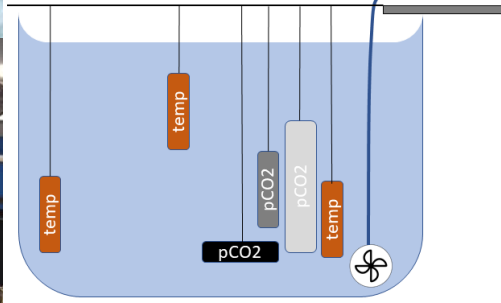
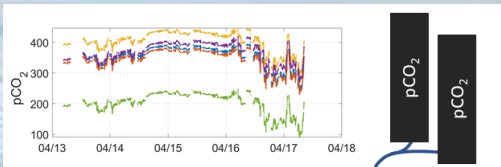
What?

In the recent years new technologies are involving and a whole new generation of sensors and instruments measuring $p\text{CO}_2$ the surface ocean and below entered the market. This spans from «classical» equilibrator based systems with new CO_2 detectors to membrane based sensors that can be submerged.

The aim of this exercise is

- the comparison of instruments and sensors that are (or will be) used within the ICOS community over a range of temperatures and $p\text{CO}_2$.
- to engage instrument suppliers to work together with the observational community to reach a high level of standardization in operating $p\text{CO}_2$ sensors and instruments.
- to give answers to the community of choosing the appropriate sensor for their application.

Contact:
ICOS OTC, Tobias Steinhoff
tost@norceresearch.no



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