

# A taste of carbon time series in the Nordic Seas

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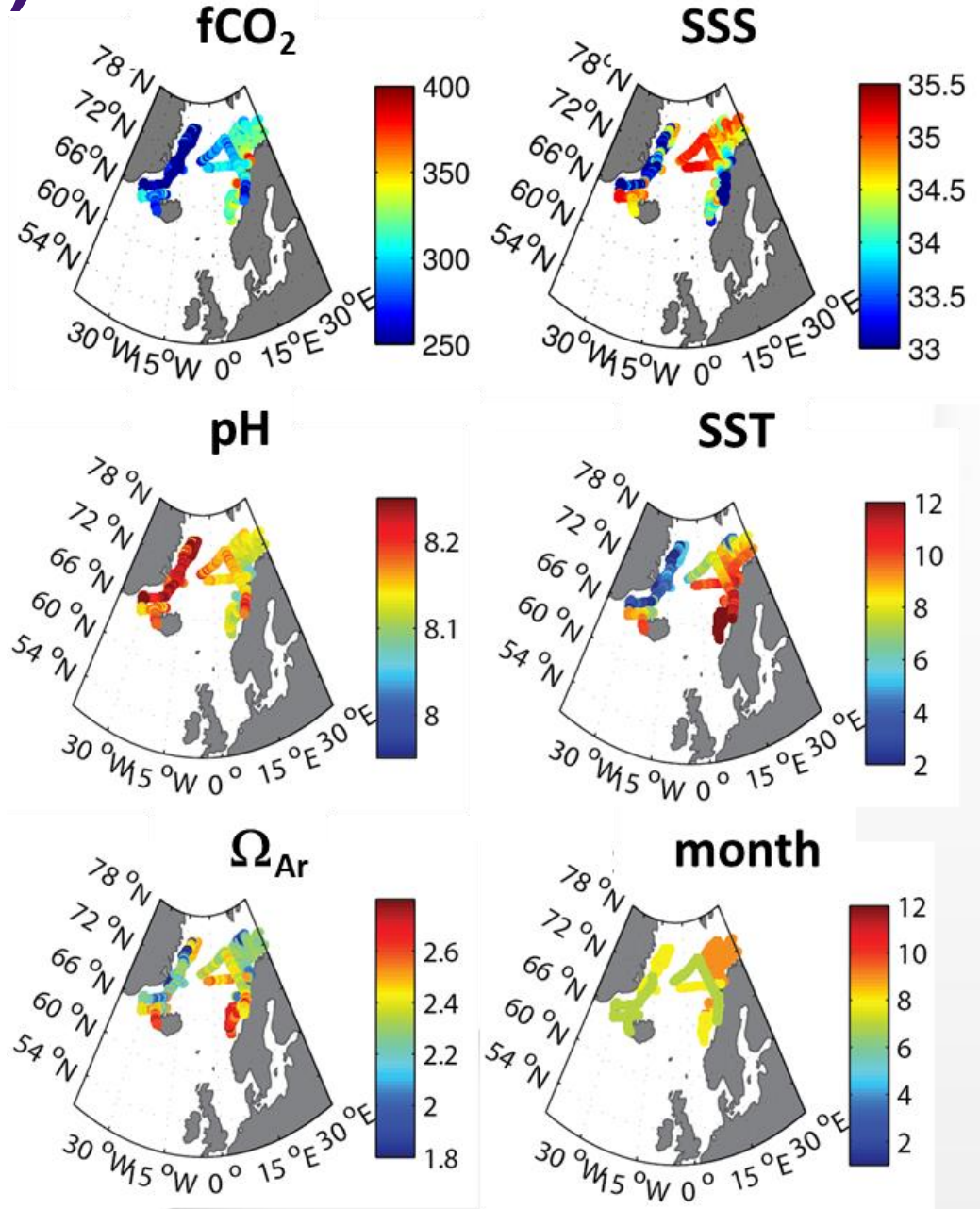
Prepared for the OceanSITES meeting, NOC, UK, April 2016

# R/V G.O. Sars (VOS)

Example of data summer 2015:



Norwegian R/V operated since 2003



Participates to e.g.:



Norwegian Environment Agency

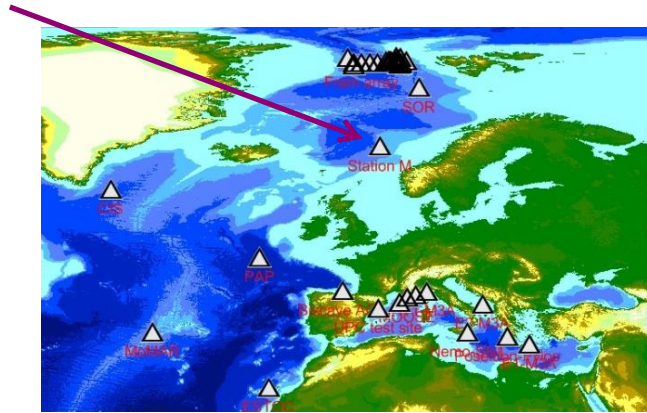


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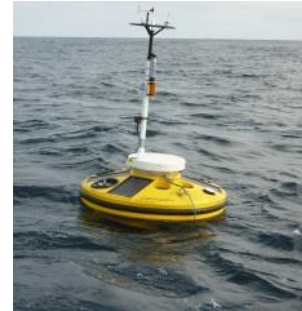
# Ocean Weather Station M

*Operated by:*

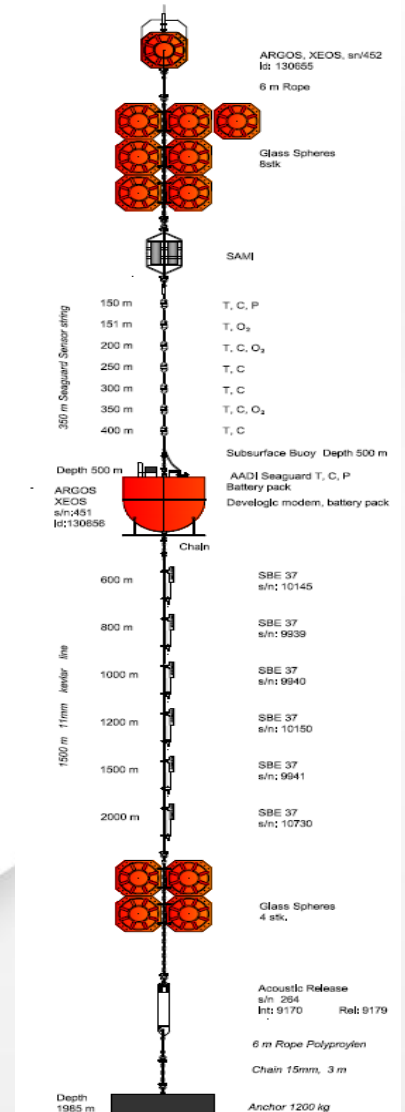


Norwegian site operated since 1948

Surface buoy since 2011



Sub-surface mooring since 2011

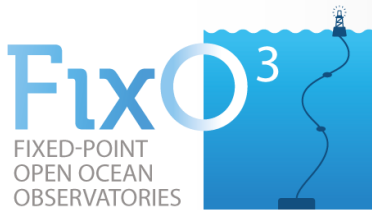


Research vessels



1948-2009  
2010 -

*Participates to e.g.:*



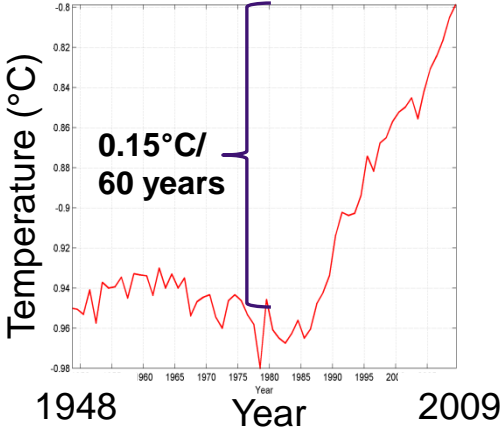
Norwegian  
Environment  
Agency



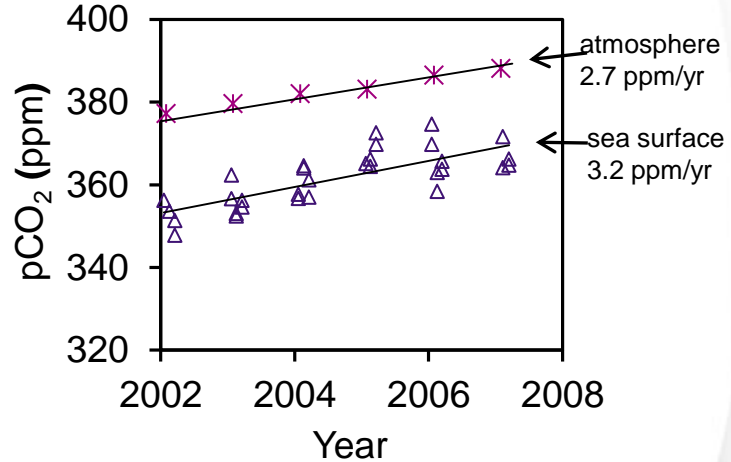
# Ocean Weather Station M

Historical time series data:

Increasing temperature at 2000 m



Increasing pCO<sub>2</sub> in ocean and atmosphere



New surface data:

