Decadal warming of the Atlantic Waters in Fram Strait

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Warming of the Atlantic Water by 1K over 15 years of observations

Update Beszczynska-Möller et al., 2012
Polarstern GRIFF 2016
“Greenland ice sheet/ocean interaction and Fram Strait fluxes”

Ocean work:

- Mooring array Fram Strait
- Hydrography
- Suite of Tracers
- Moorings on East Greenland Shelf
work on the glacier and on land:

- Hot water drilling
- Ocean moorings under the ice tongue
- Fibre optic + thermistor strings in ice
- Seismics
- GPS for lithosphere deformations
- Weather station