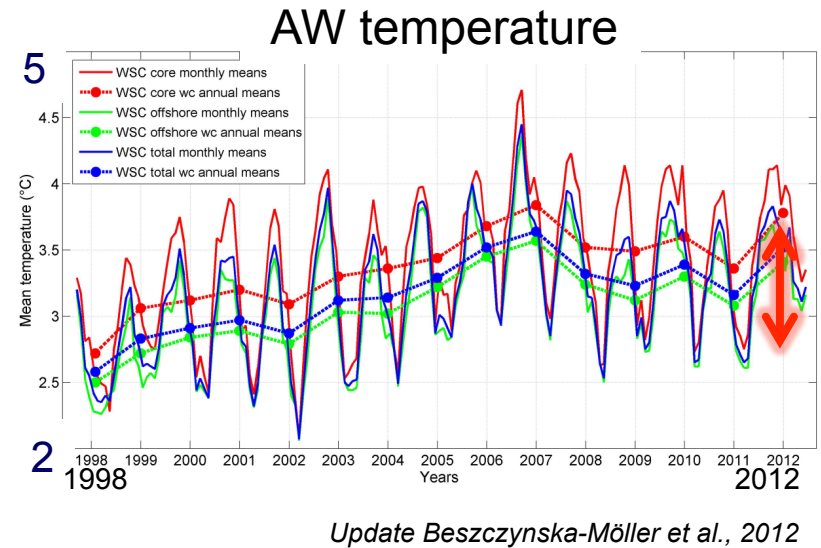
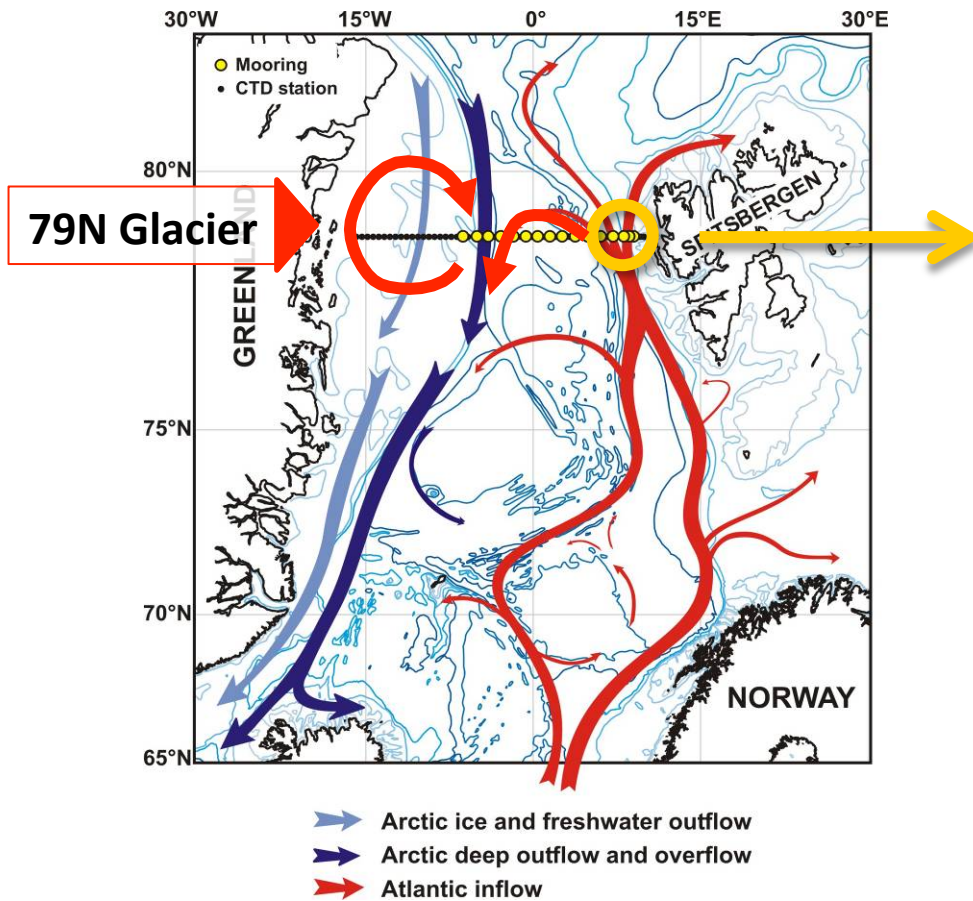


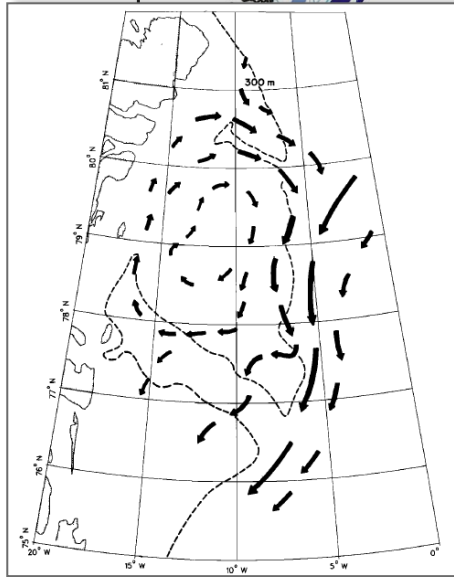
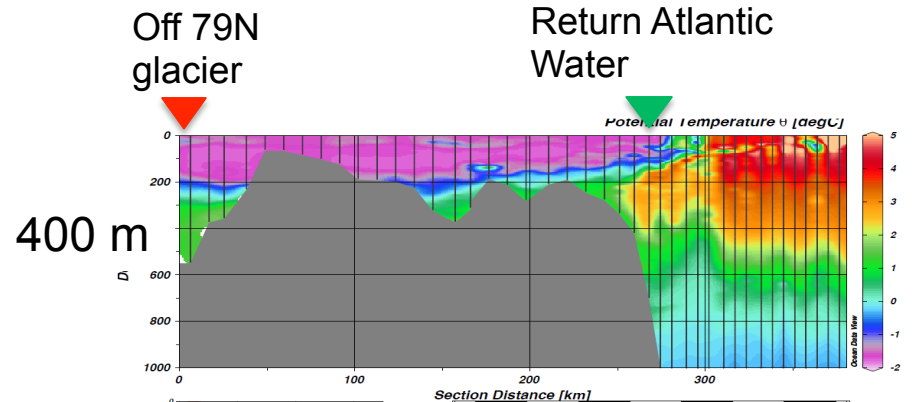
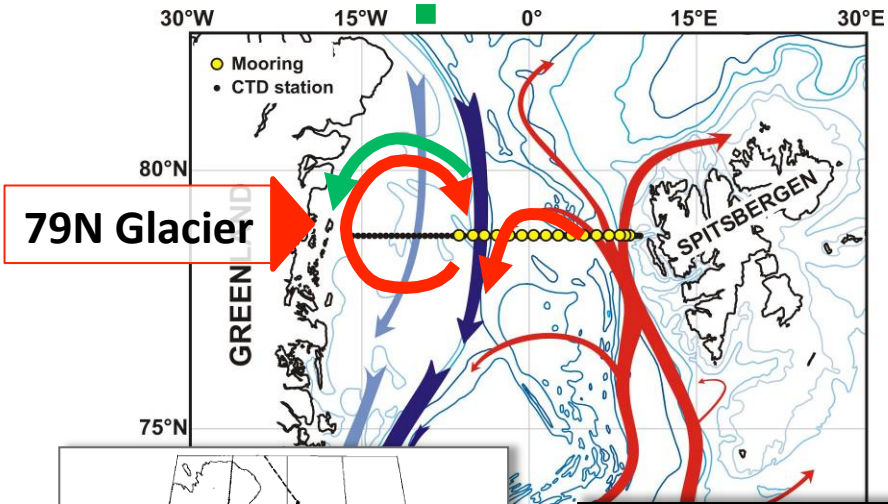
# Decadal warming of the Atlantic Waters in Fram Strait

Ursula Schauer, Agnieszka Beszczynska-Möller, Eberhard Fahrbach, Wilken-Jon von Appen

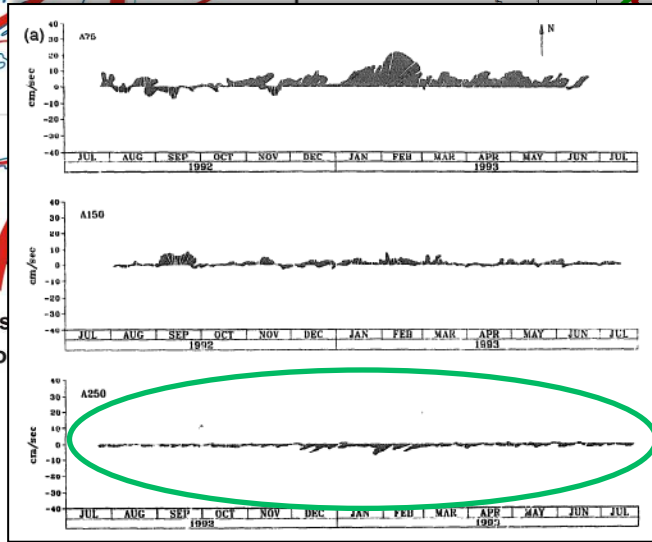


Warming of the Atlantic Water by 1K  
over 15 years of observations

?



Bourke et al., 1987  
Budéus et al., 1995

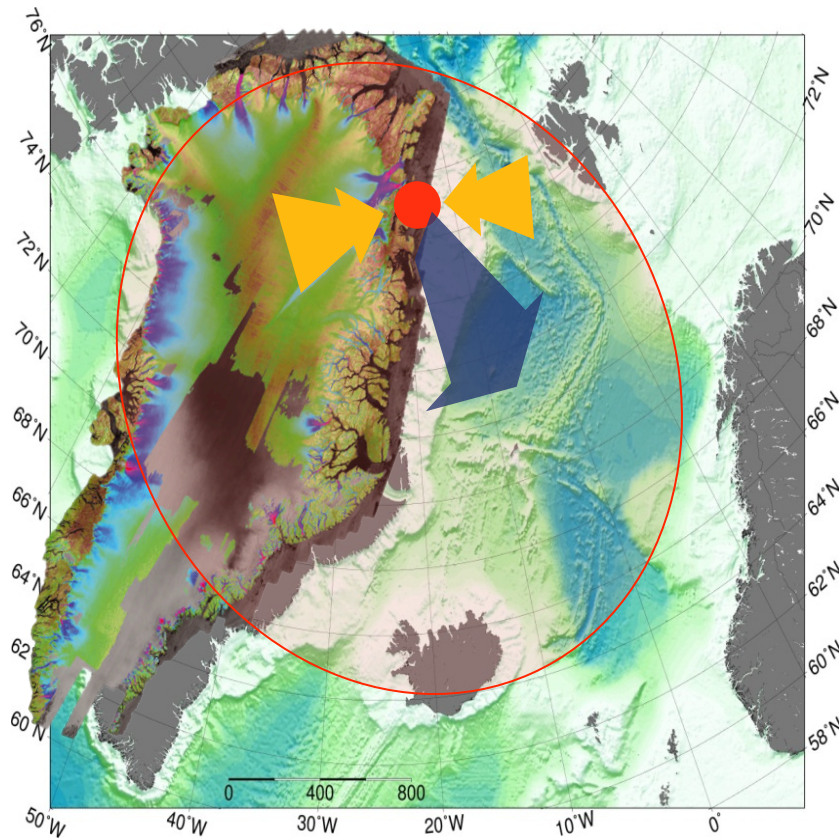


Topp & Johnson, 1997

250 m

# Polarstern GRIFF 2016

*“Greenland ice sheet/ocean interaction and Fram Strait fluxes”*



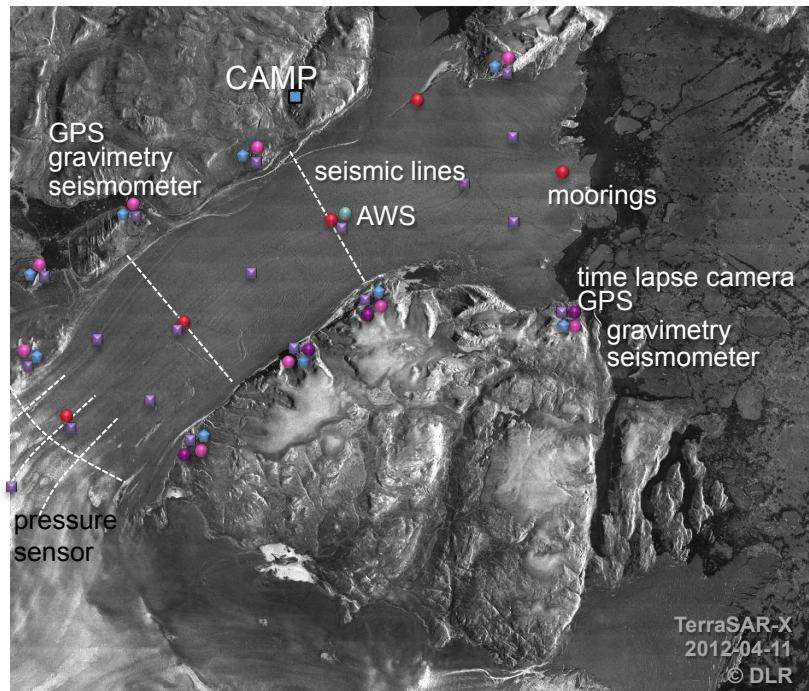
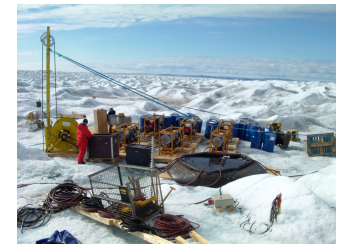
## Ocean work:

- Mooring array Fram Strait
- Hydrography
- Suite of Tracers
- **Moorings on East Greenland Shelf**



# Polarstern GRIFF 2016

*“Greenland ice sheet/ocean interaction and Fram Strait fluxes”*



79°N Glacier

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

**Angelika Humbert**  
**Fiamma Straneo**

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