

# *Recent developments of Italian research infrastructures in the Arctic*

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*FARO meeting, Toyama, April 25, Japan*



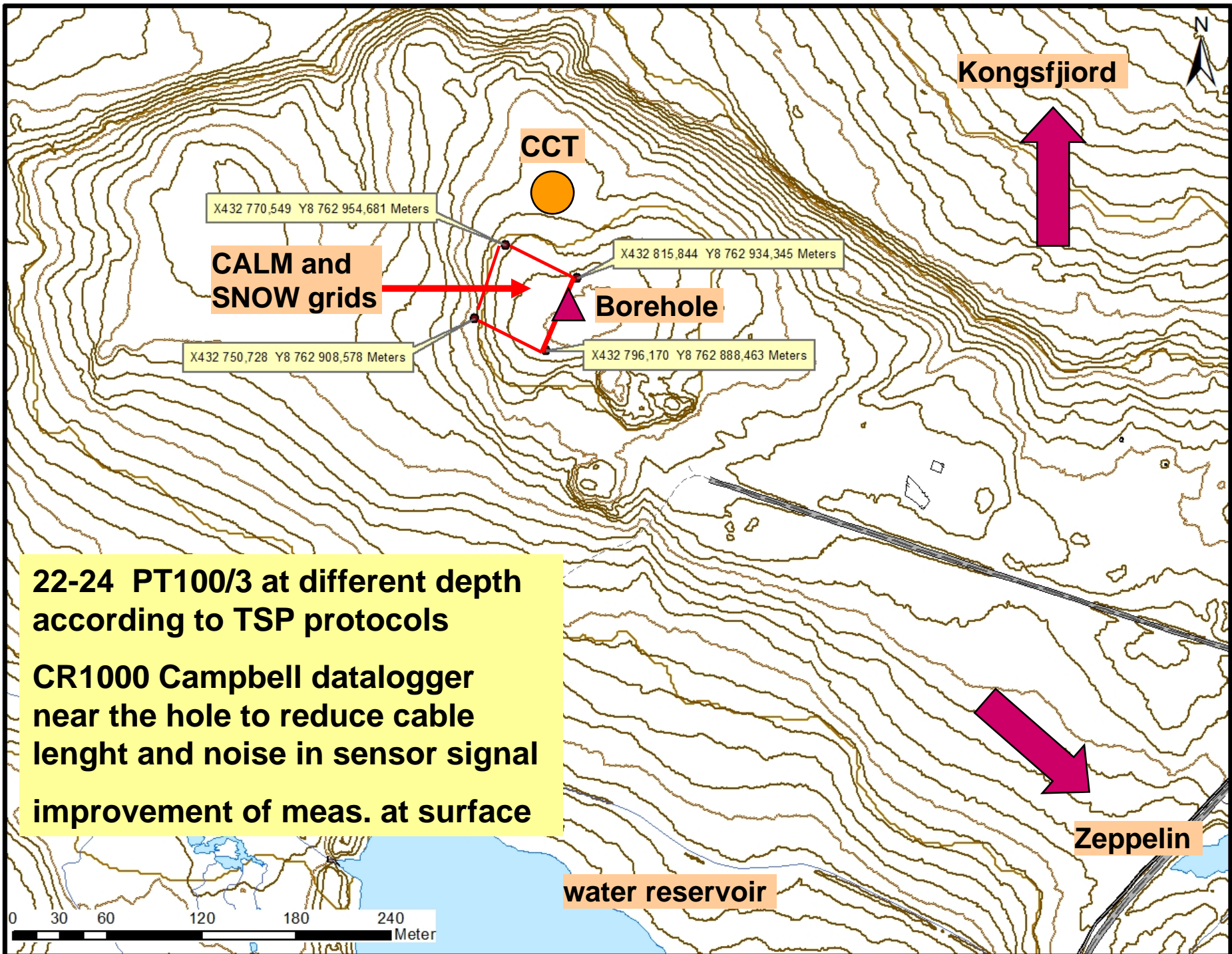
# *Amundsen-Nobile Climate Change Tower*



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**22-24 PT100/3 at different depth according to TSP protocols**

**CR1000 Campbell datalogger near the hole to reduce cable length and noise in sensor signal improvement of meas. at surface**





**Example of Cores collected at CCT borehole between the ground surface and 3.7 m of depth**

Between 3.7 m and 15.5 frozen sediments were not cored but from the preliminar analyses of the cuttings it seems that an alternance of fine sediments (sand with silt and clay) and coarse layer (with pebbles and blocks embedded in clay and silt) occurs.



# New Gruvebadet laboratory/building

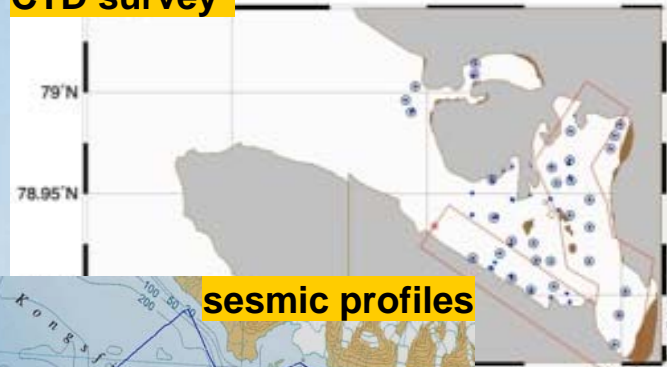


# Kongsfjorden

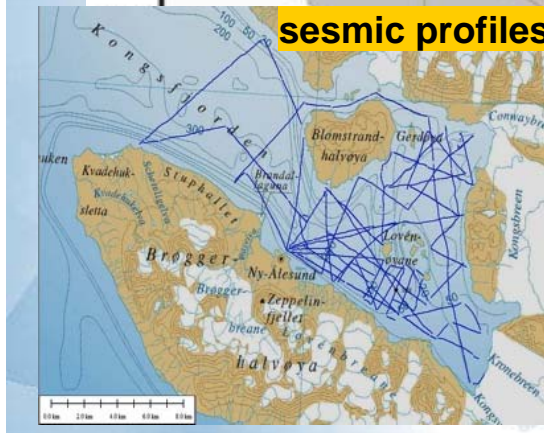
# Marine activities

# Fram Strait

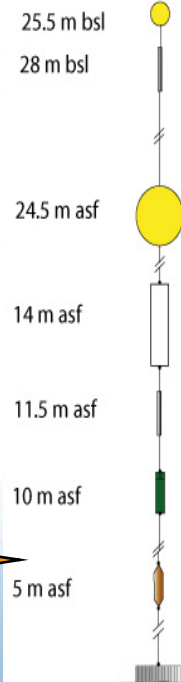
## CTD survey



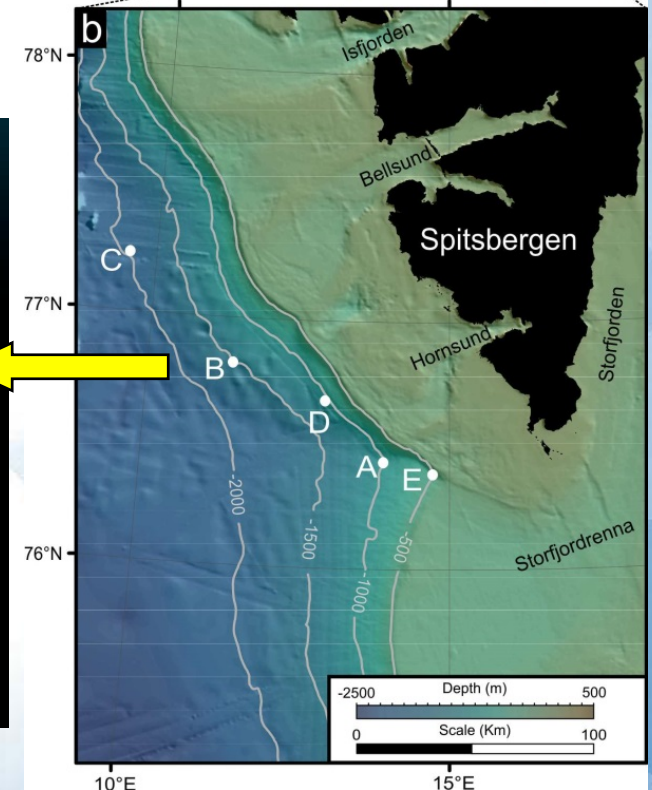
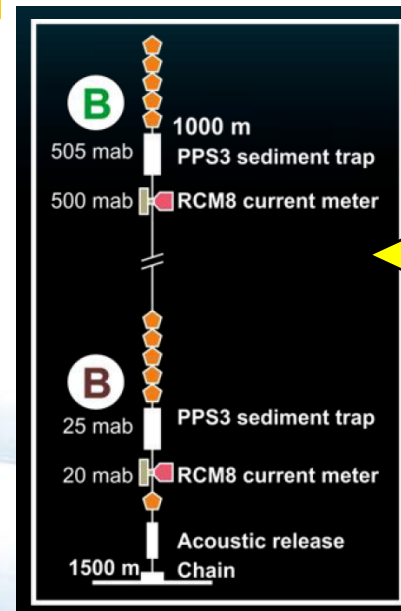
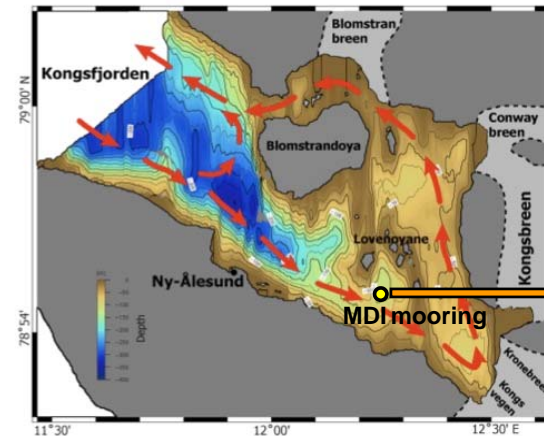
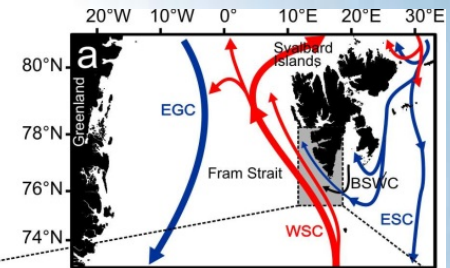
## seismic profiles



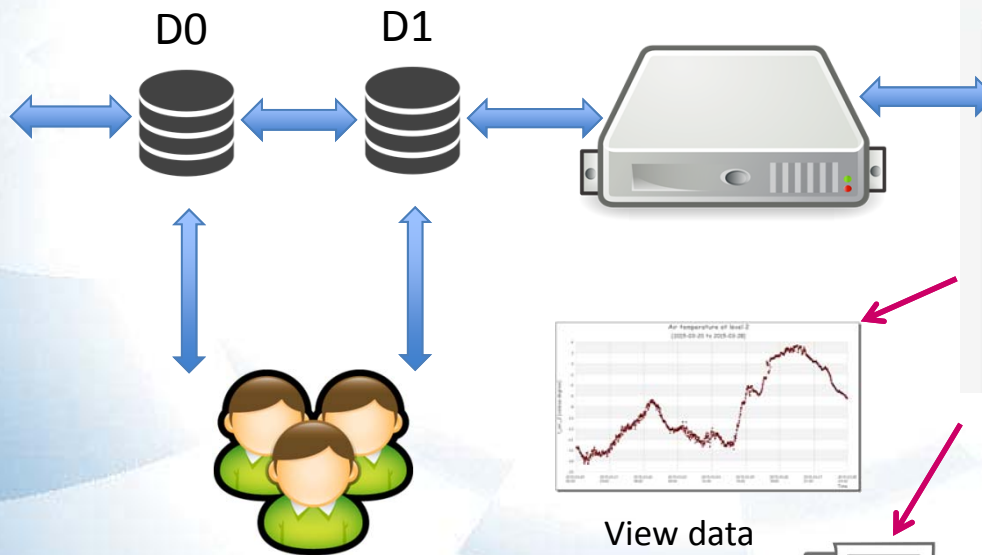
## MD1 mooring



Deployment of 4 moorings in collaboration with UiT, Univ. Barcelona, CEFREM-CNRS







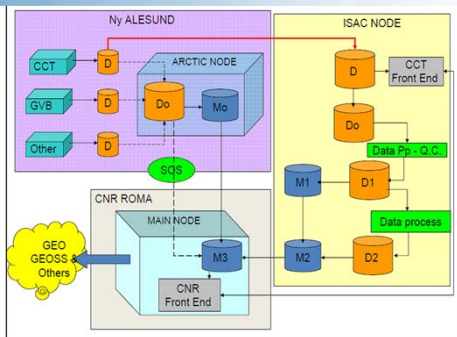
Validation  
QA/QC  
Data Analysis

View data

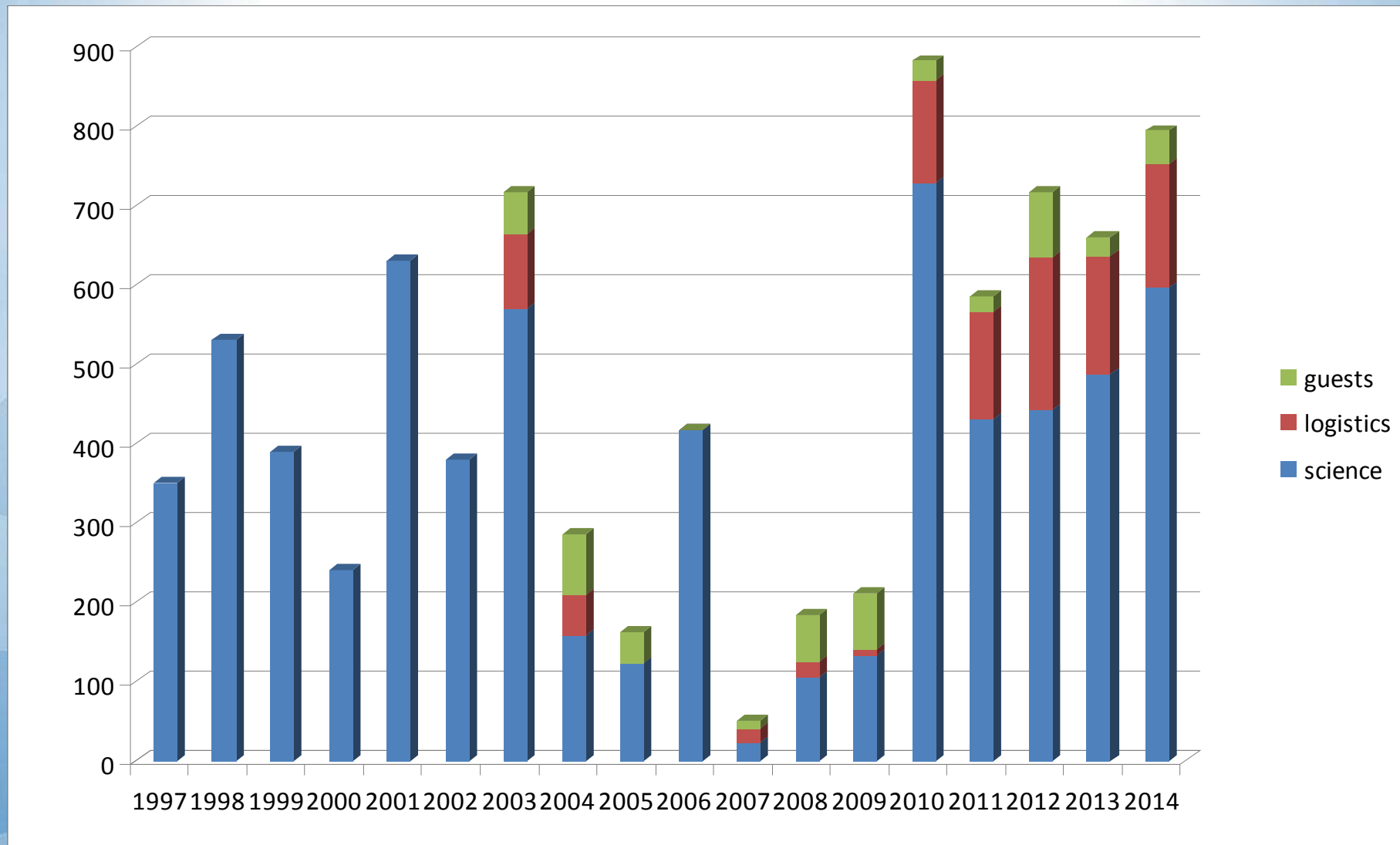
Download data

Metadata data

Register data



# Italian presence at NYA



*FARO meeting, Toyama, April 25, Japan*







## Workshop

**Lunar Photometry: towards closing the gap in the annual cycle of aerosol optical depth climatology at high latitudes.**

Valladolid  
24-26 June, 2015



[www.isac.cnr.it/~radiclim/lunarworkshop2015](http://www.isac.cnr.it/~radiclim/lunarworkshop2015)



Lunar Photometry Workshop 2015, 24-26 June, Valladolid, Spain

Thank you for your attention



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