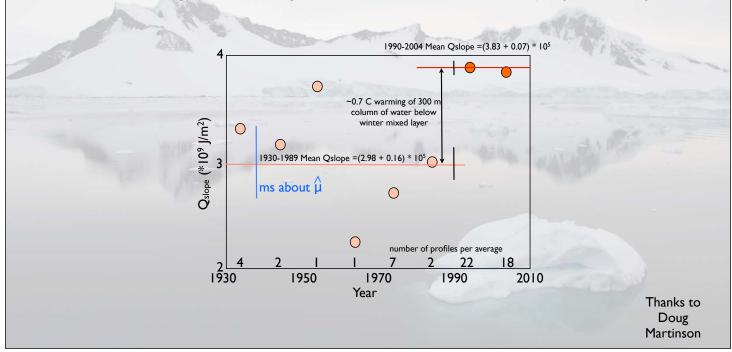
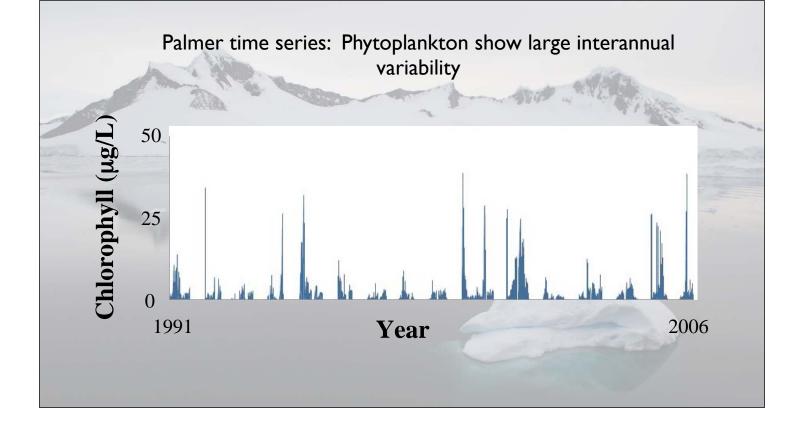
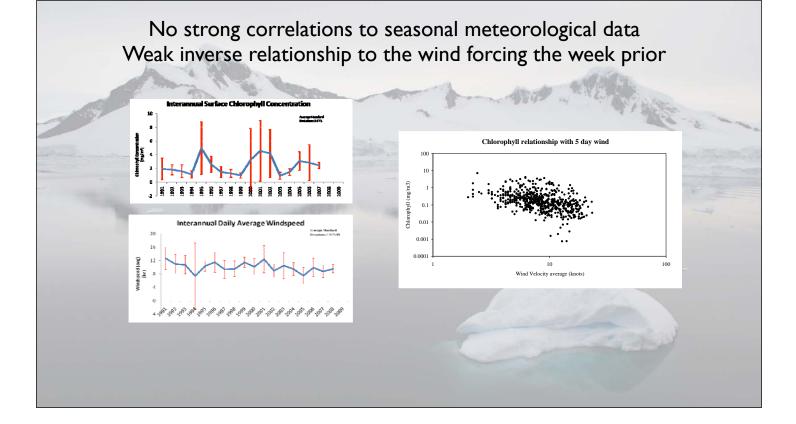
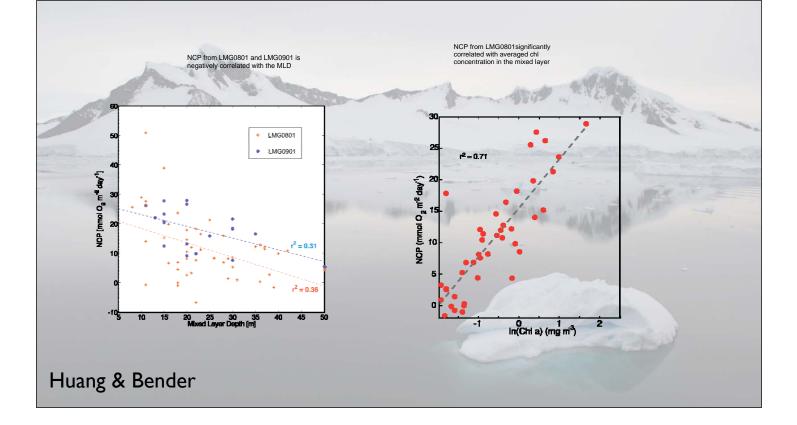


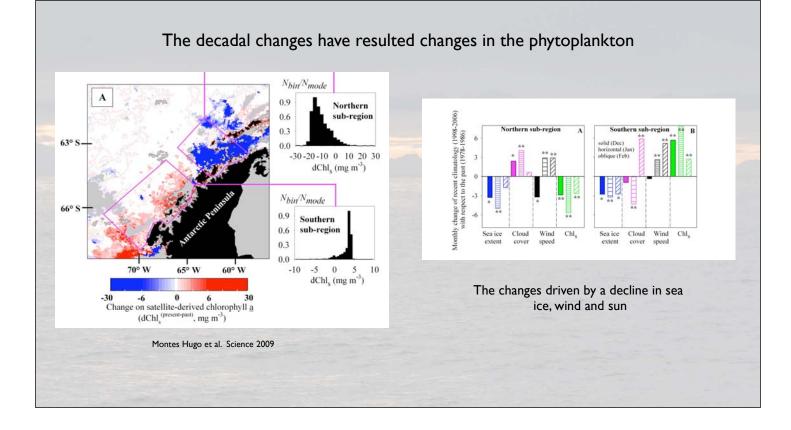
Heating on the WAP is driven by circulation and intrusion of the of the ACC onto the WAP continental shelf. Using decadal averages of the scant data, there was a jump after the year 2000.

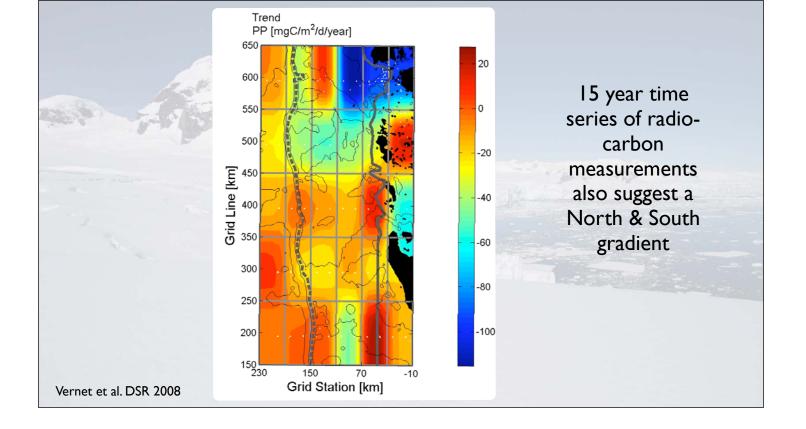


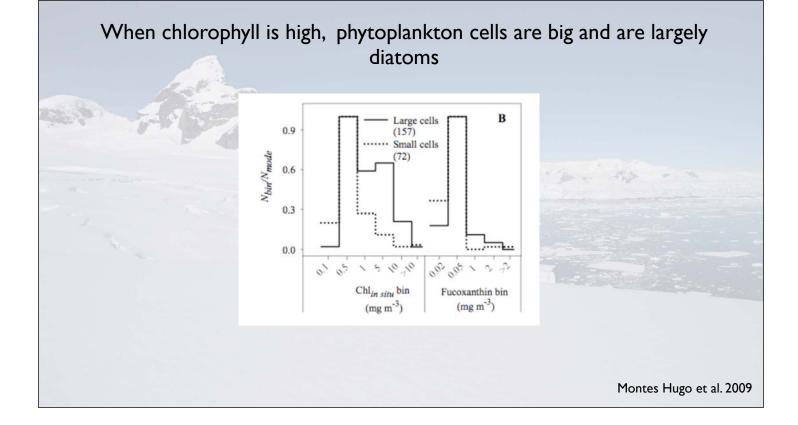


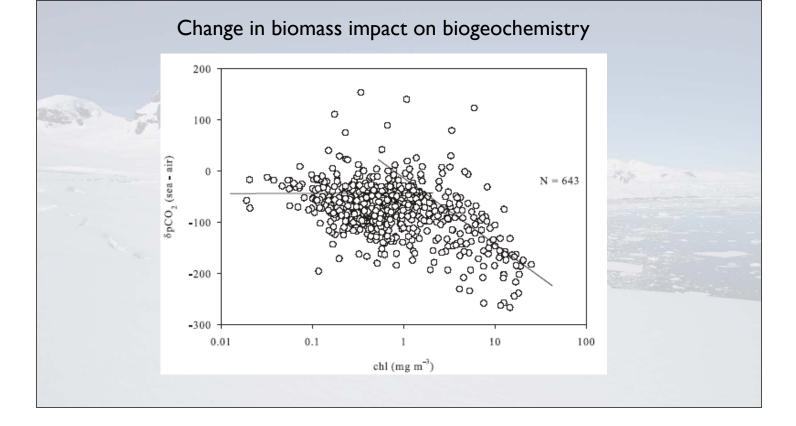


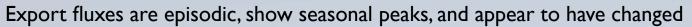


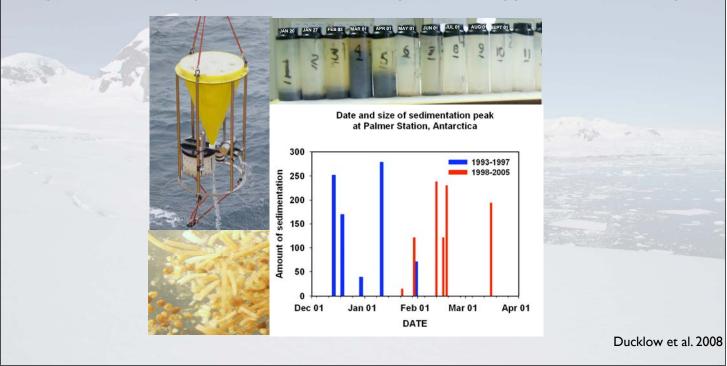


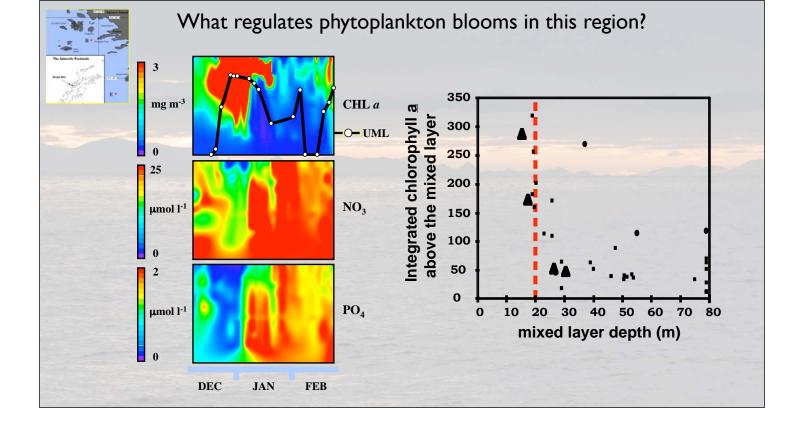


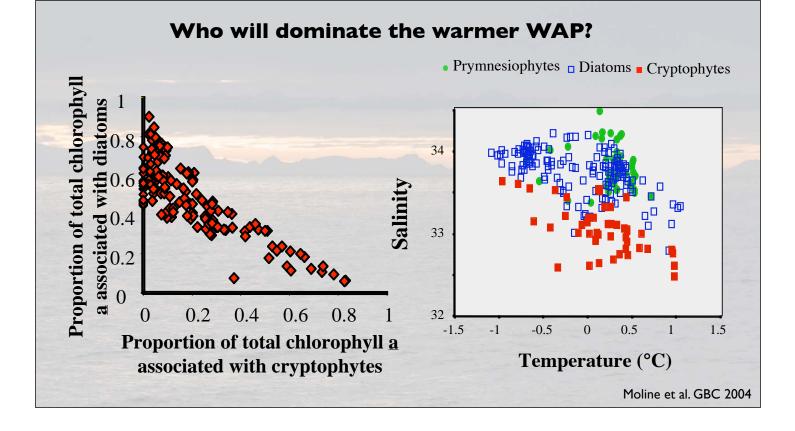


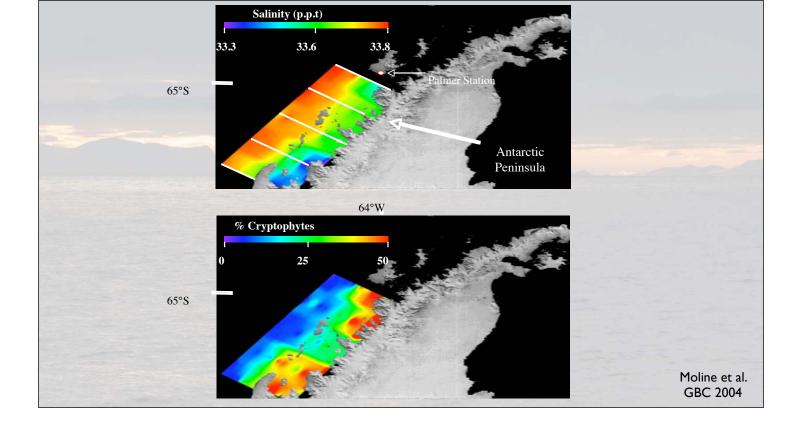


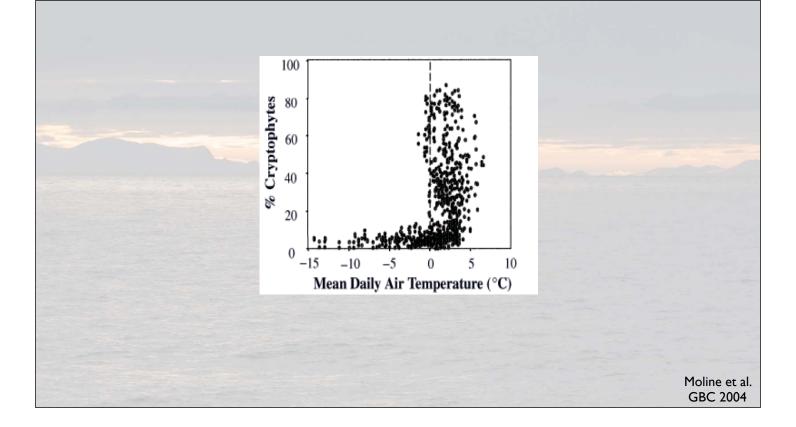


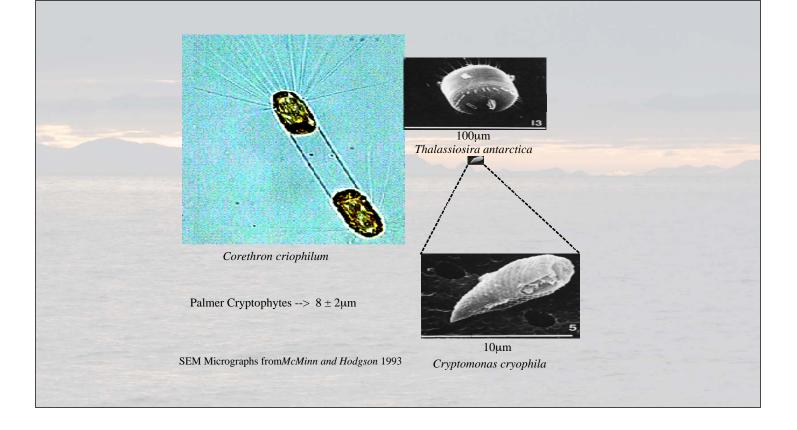


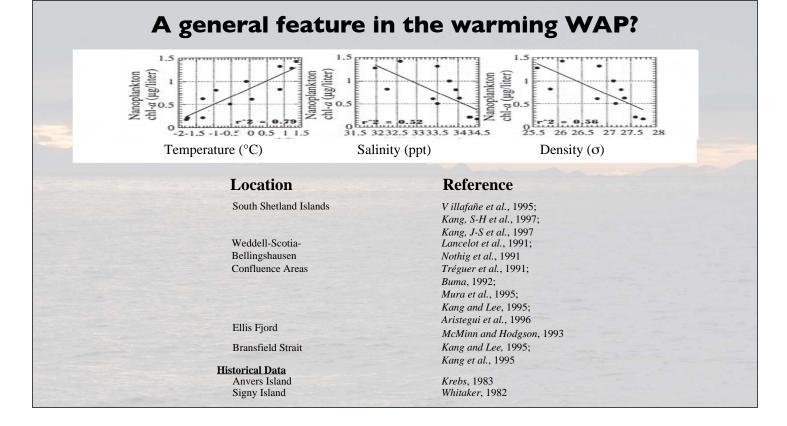


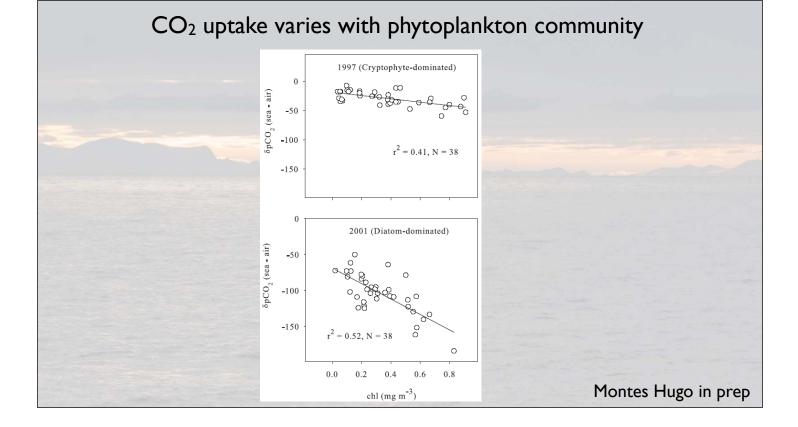




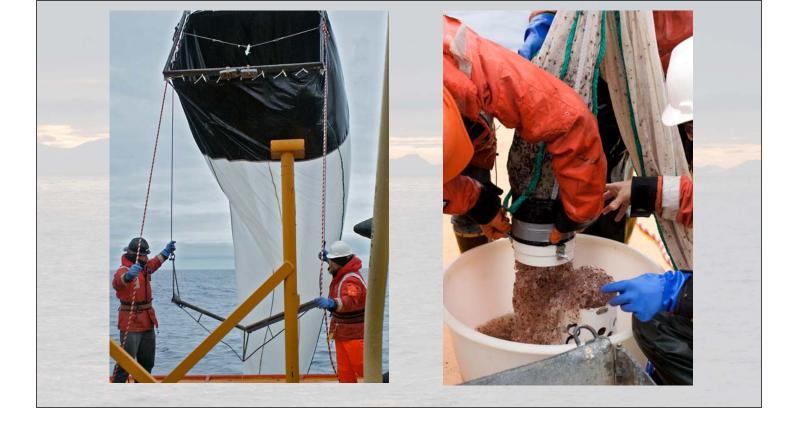


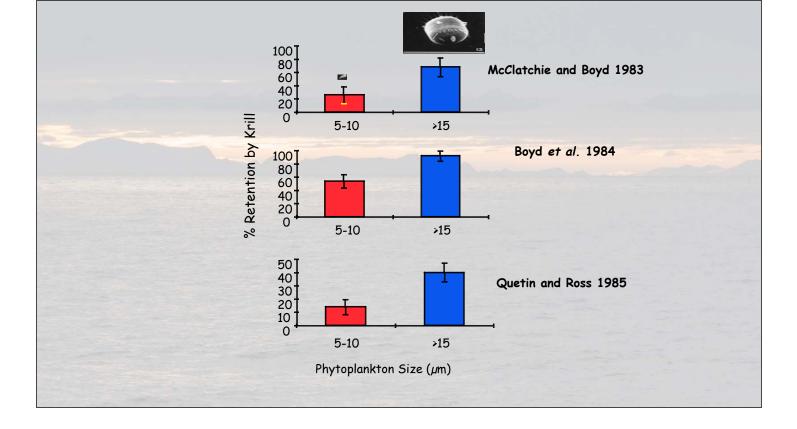


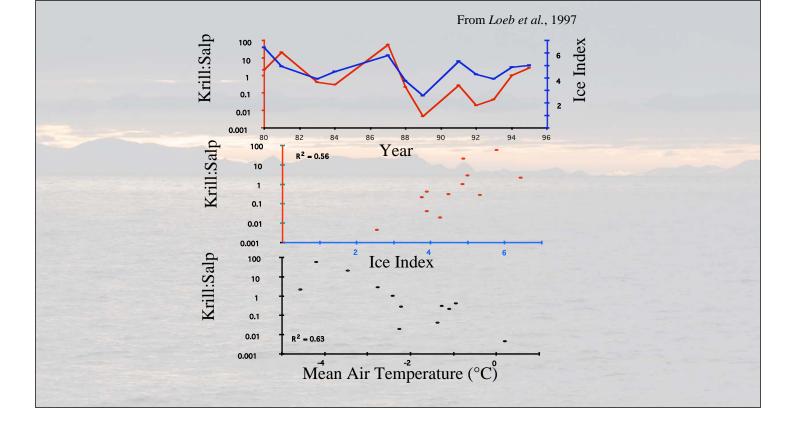






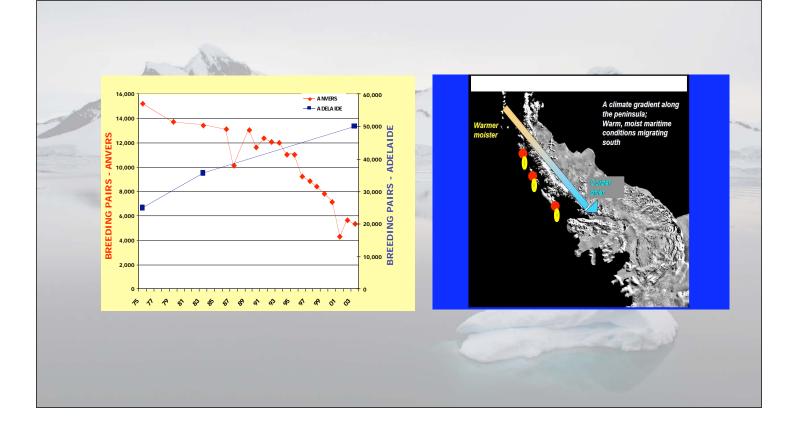


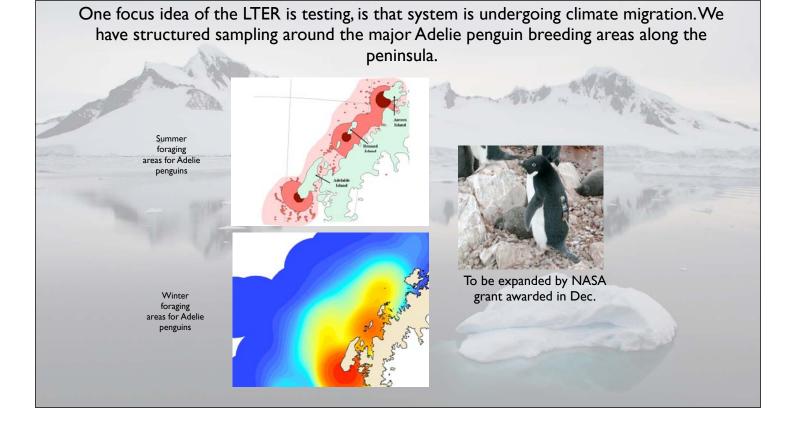


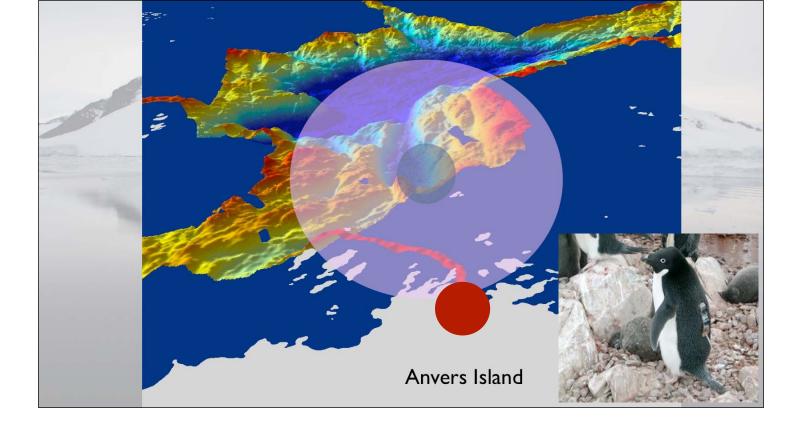


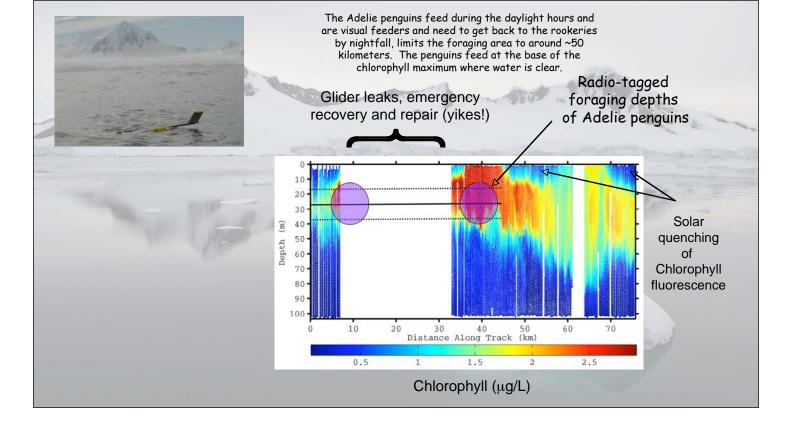


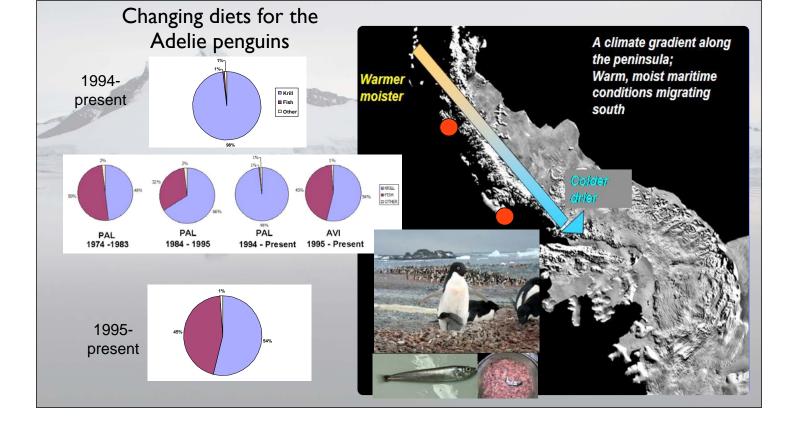


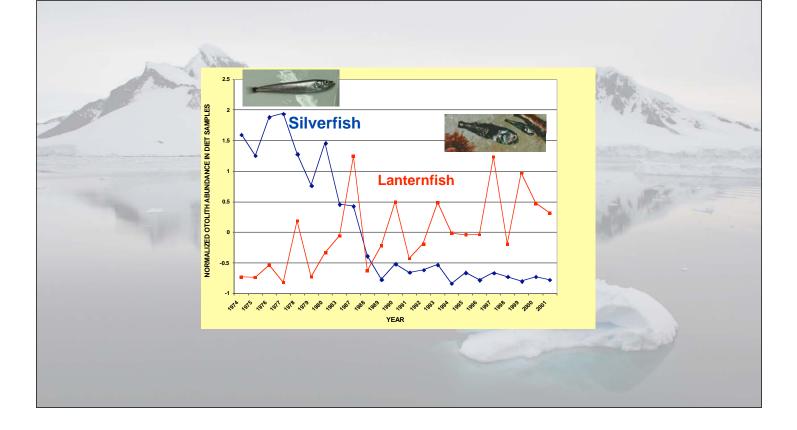


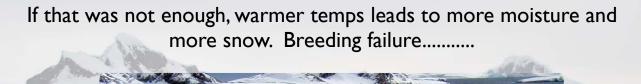




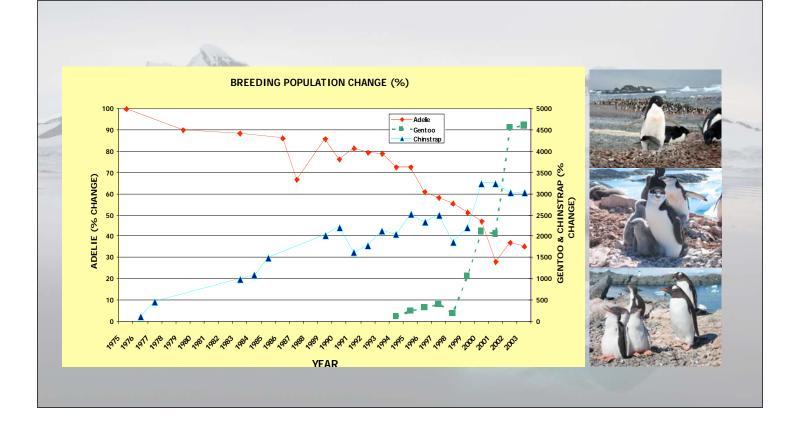




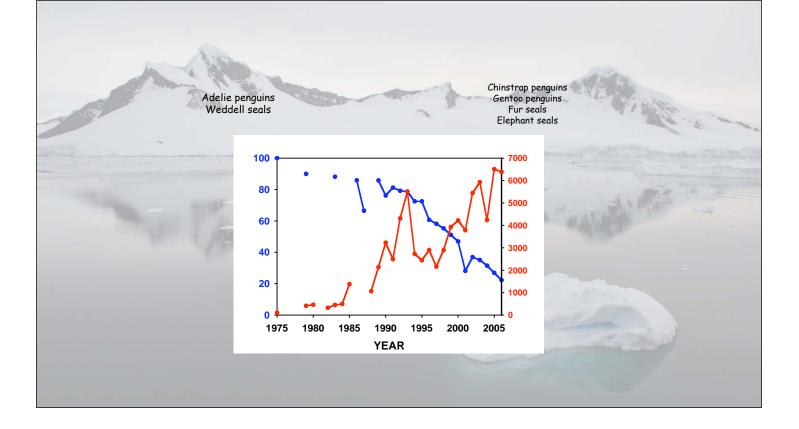


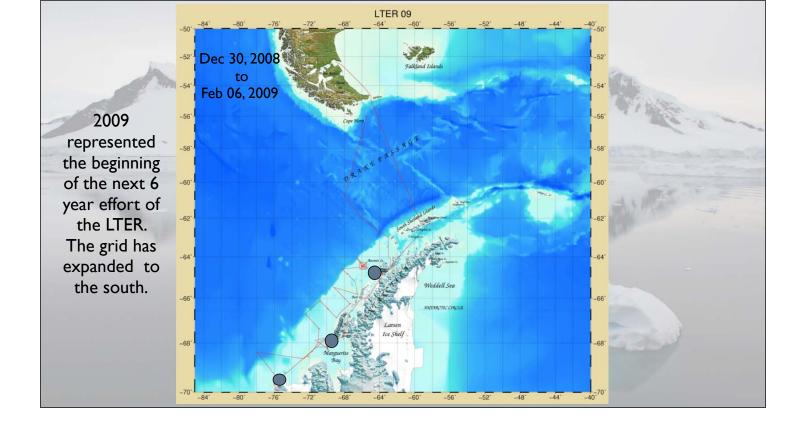






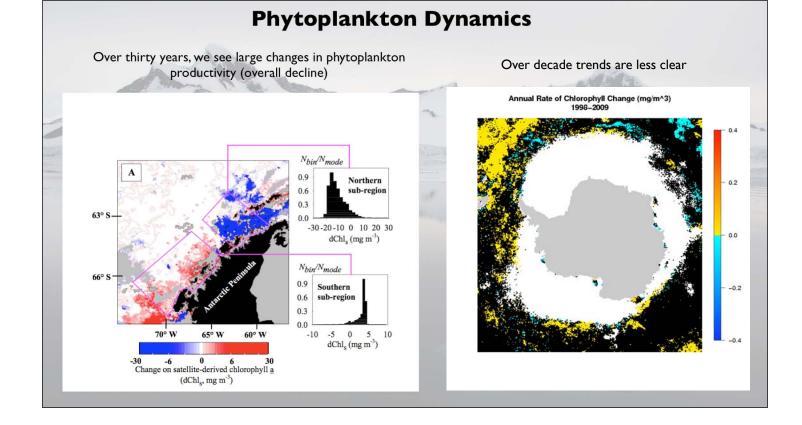




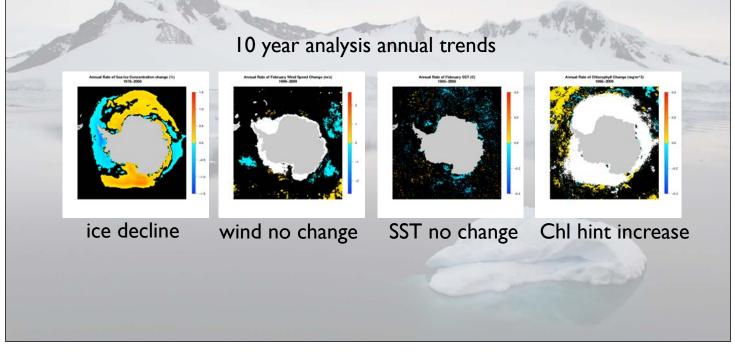


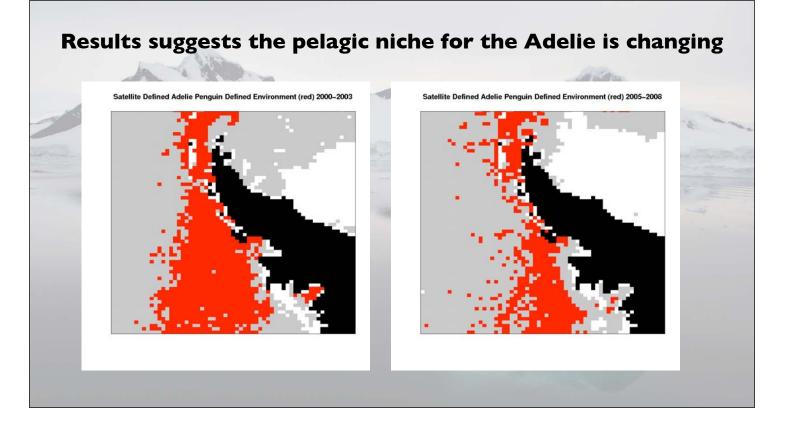


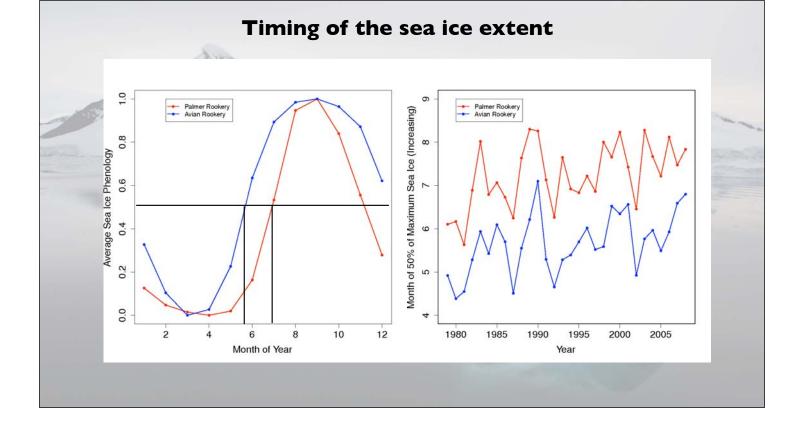




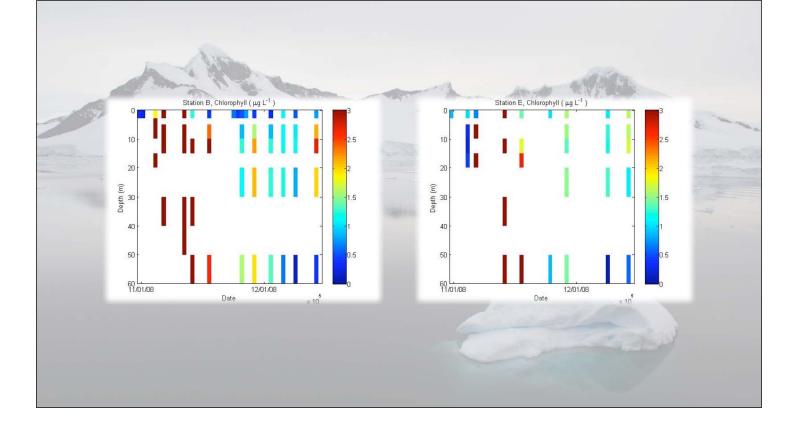
Development of GAM model for penguins rookeries. We analyze sea ice, wind, temperature, and chlorophyll in and around penguin rookery areas in WAP to determine which variables are most important for modeling the rookery environment.

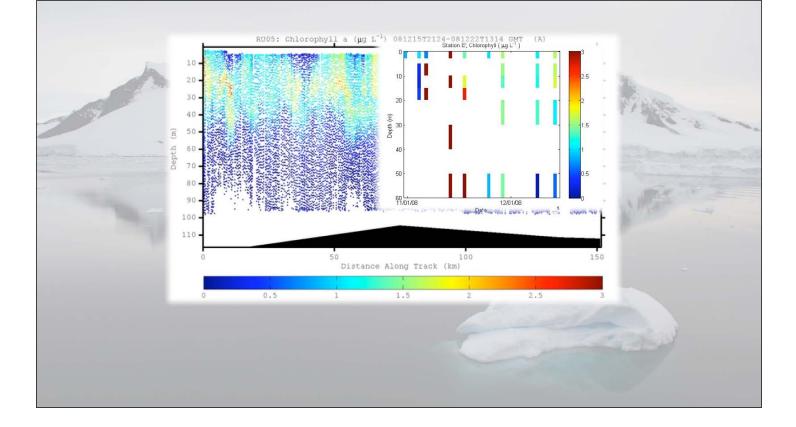


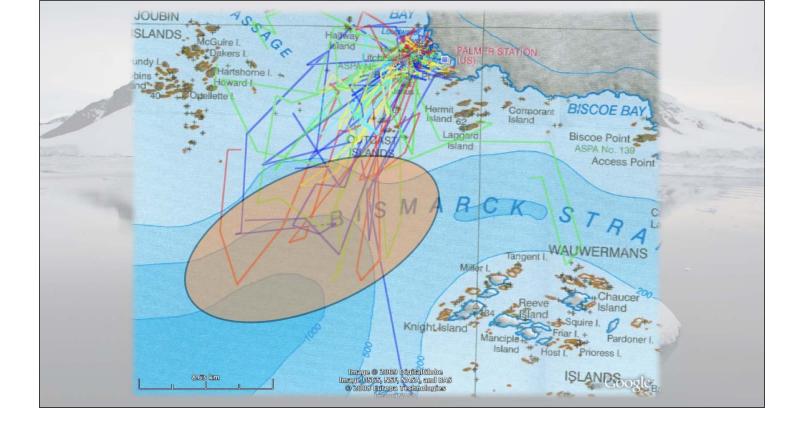


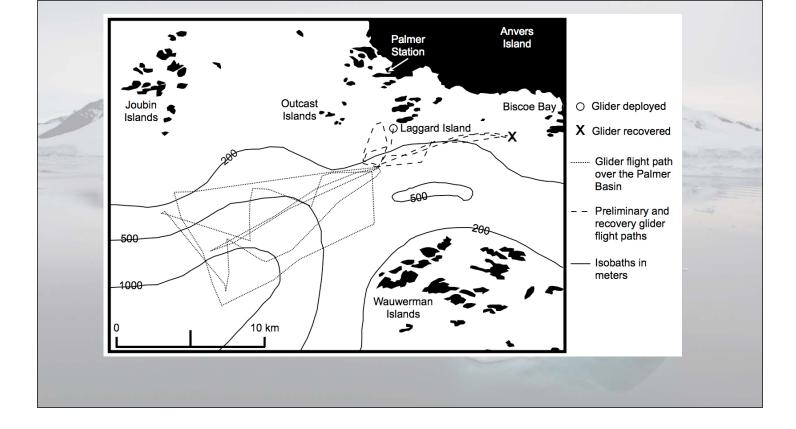


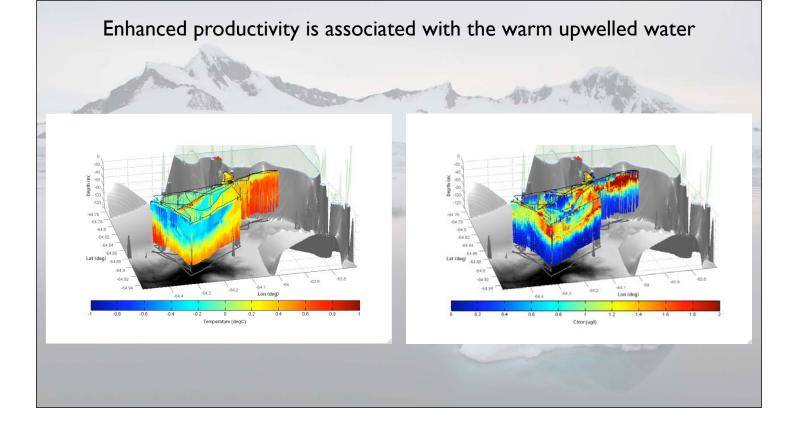


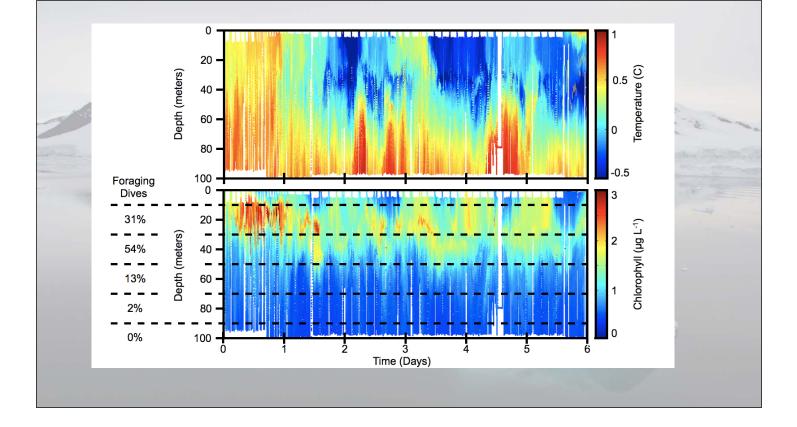


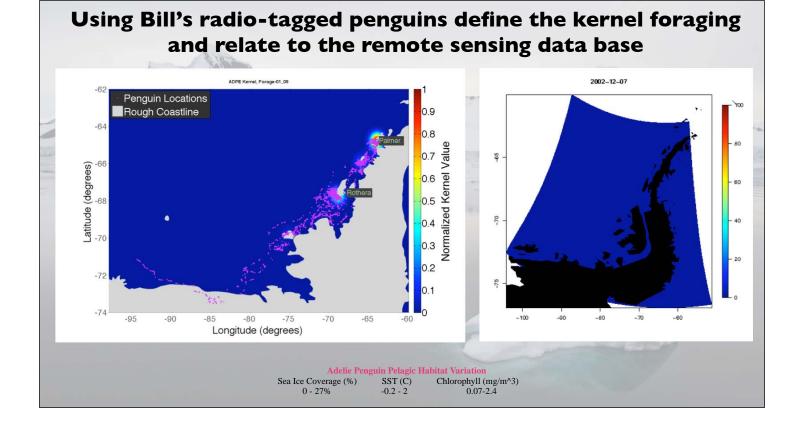


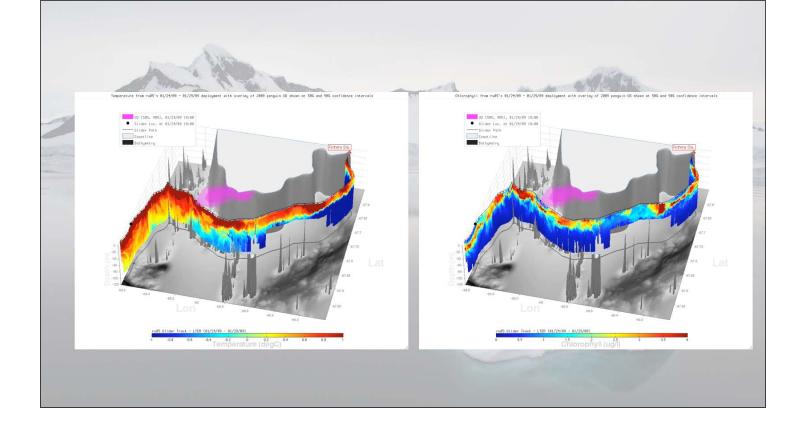










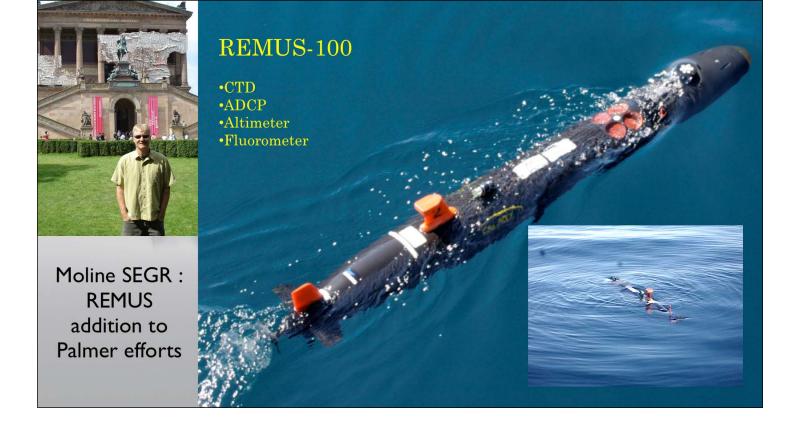


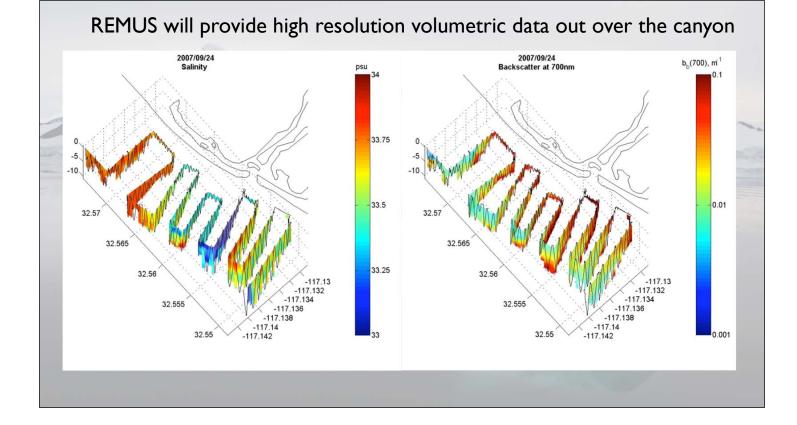
Glider Operations for 2009-2010 field season

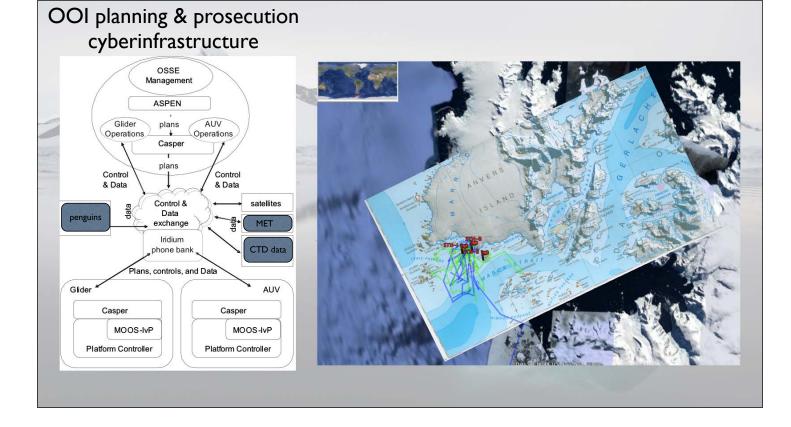
5 gliders in 2010 (& I in Amudsen and 2 in ROSS):

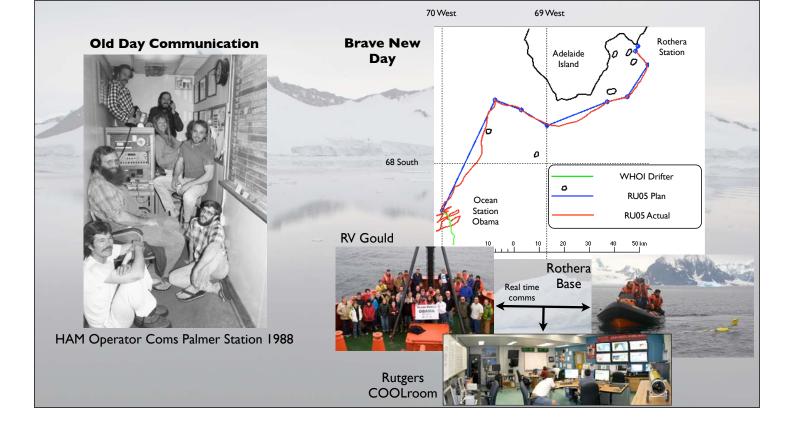
-1000 m meter glider, outfitted with CTD/backscatter/fluorescence 2 missions: First glider to be deployed in late November, fly to Rothera from Palmer. Survey will be looking for warm ACC water

- Four 200 m gliders. One glider outfitted with CTD, backscatter, chlorophyll and CDOM fluorescence. They will survey the canyon area prior to the RV gould arrival. The FIRE glider will be deployed at Palmer. As well as the ADCP glider. We will also add a REMUS (coming). One on the Gould.











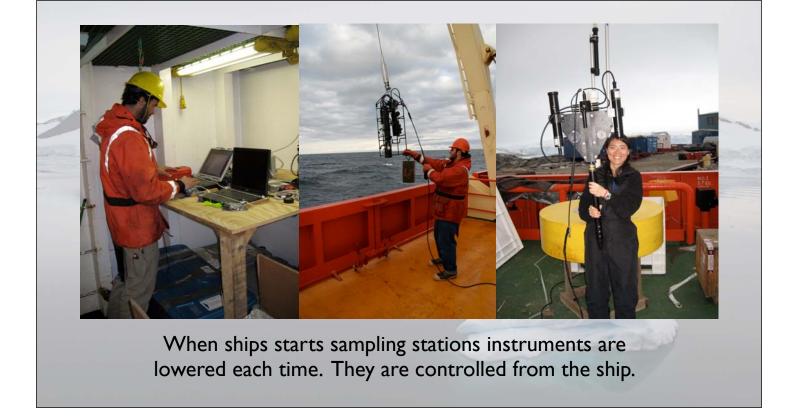














Water is collected, samples are then filtered for later biochemical analysis and some samples are incubated to provide a set of measurements.





















