

PAG

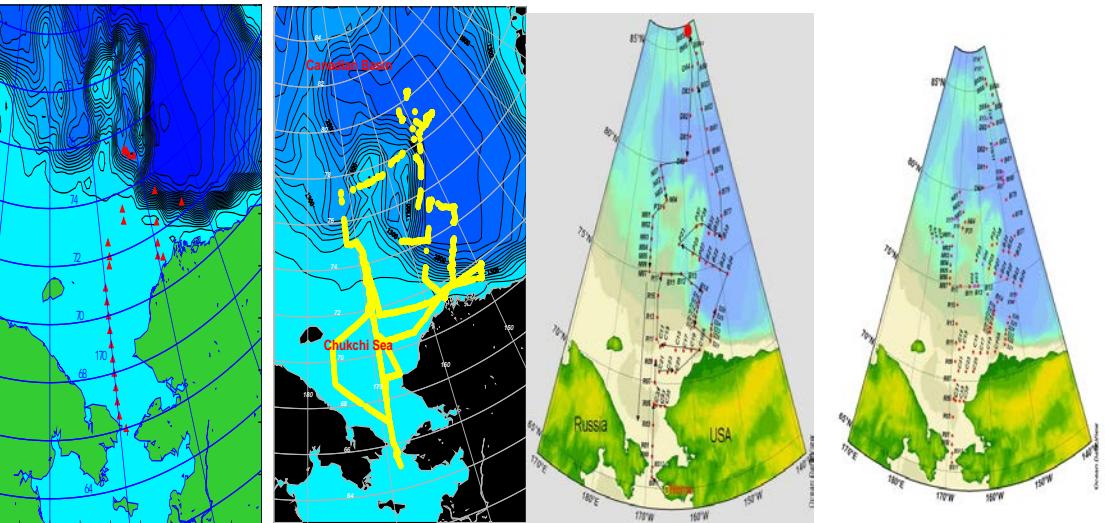
Ocean acidification and Greenhouse gases study

Liyang Zhan, Qi Di, Liqi Chen, Jiexia Zhang, Yuhong Li

Third institute of oceanography, SOA, China

Prague, Czech

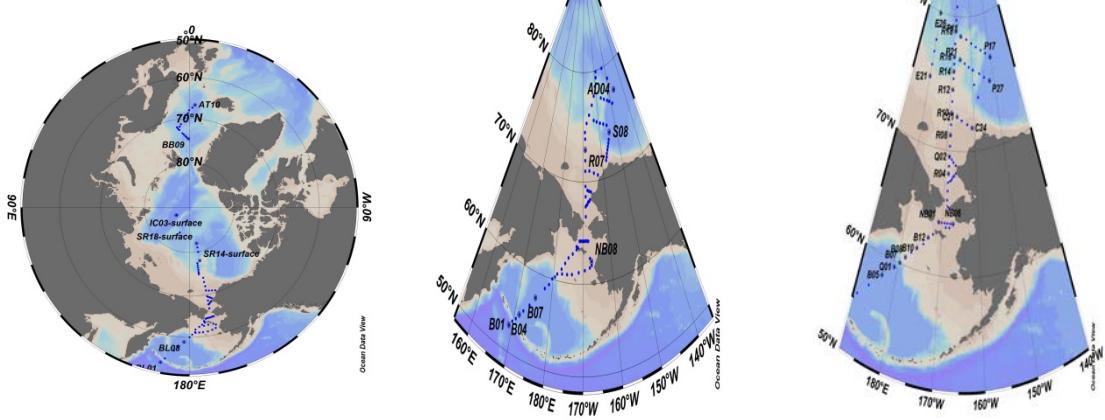
2017.4.2



1999

200

۲۰۰۸



2012

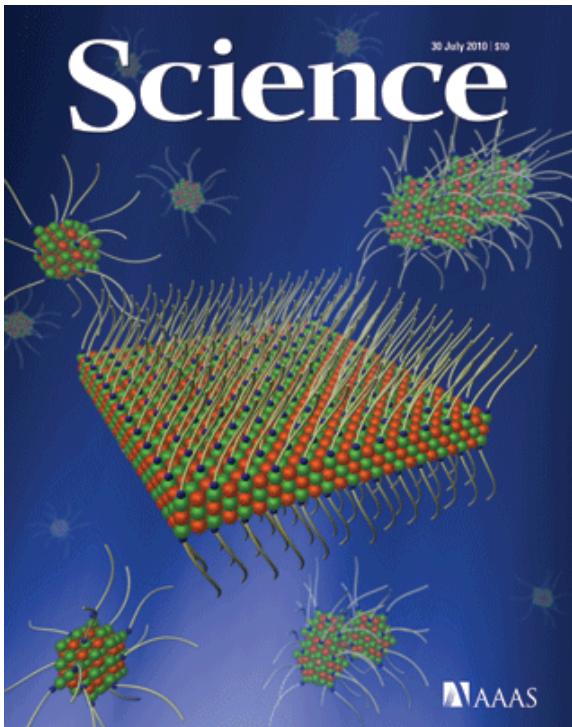
2014

2016

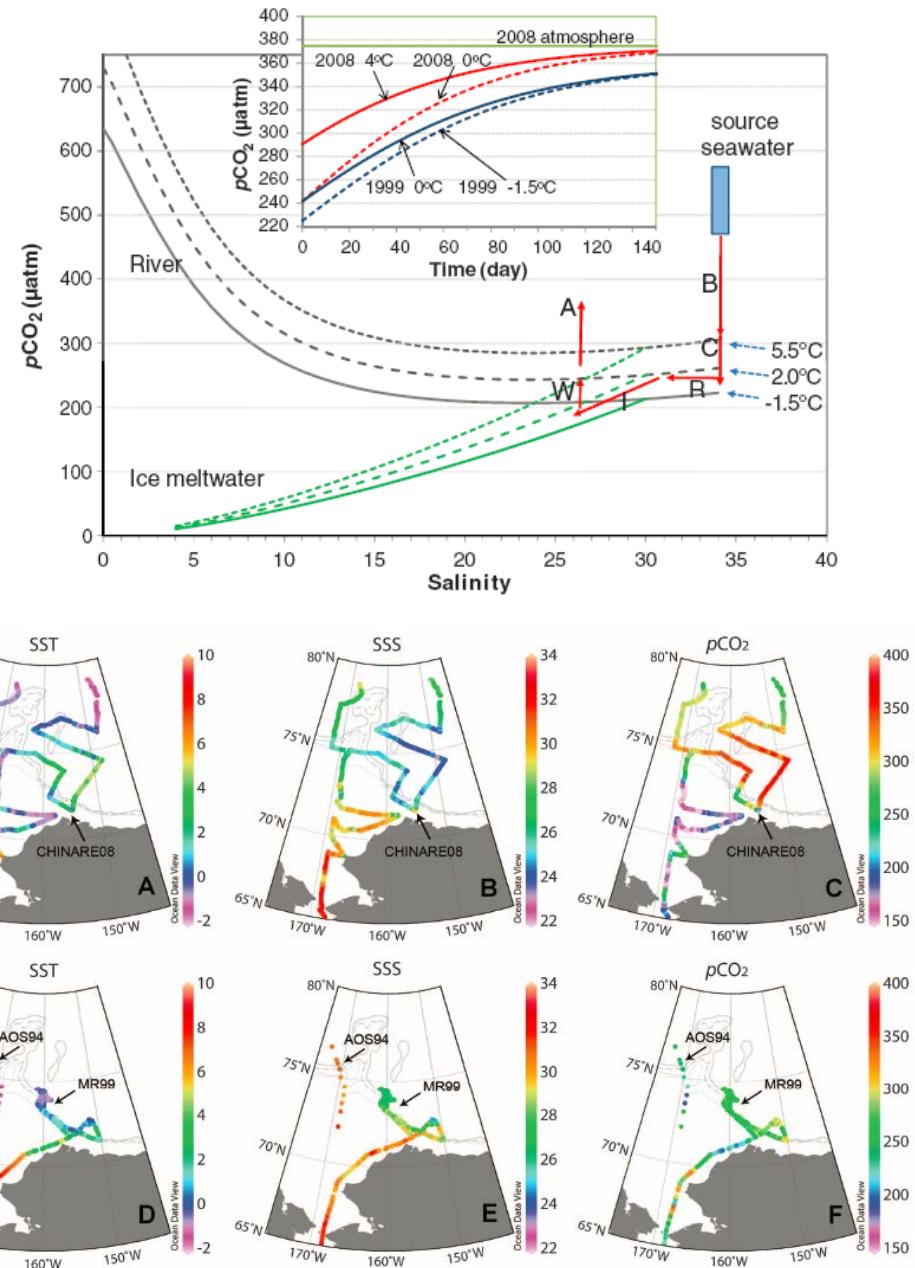


7 Arctic Cruises have been carried out

CO_2 observation

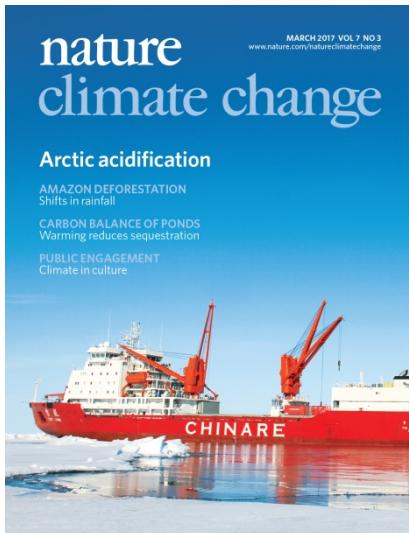


Science, 2010

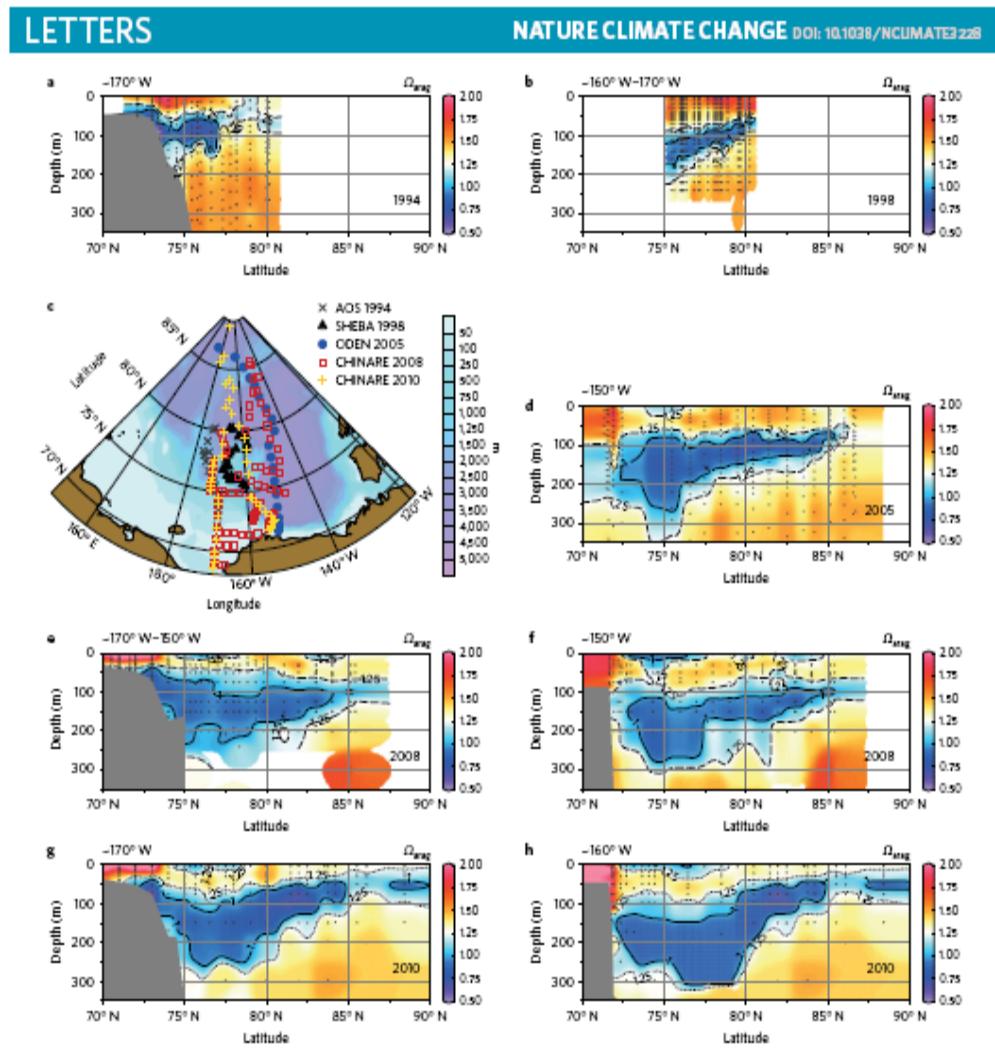
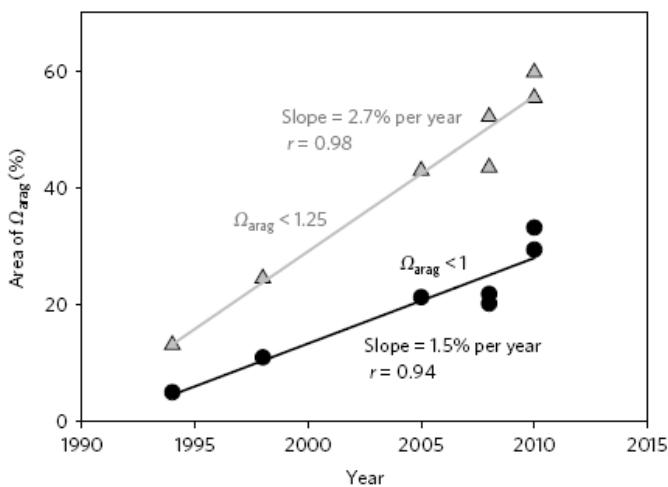


Collaboration work with Weijun Cai

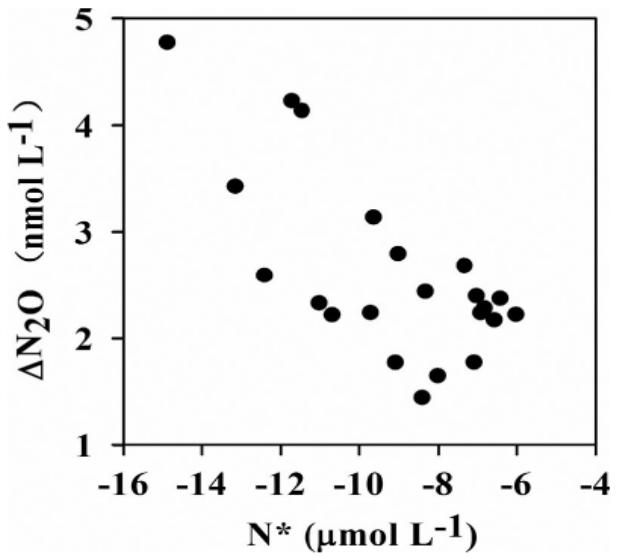
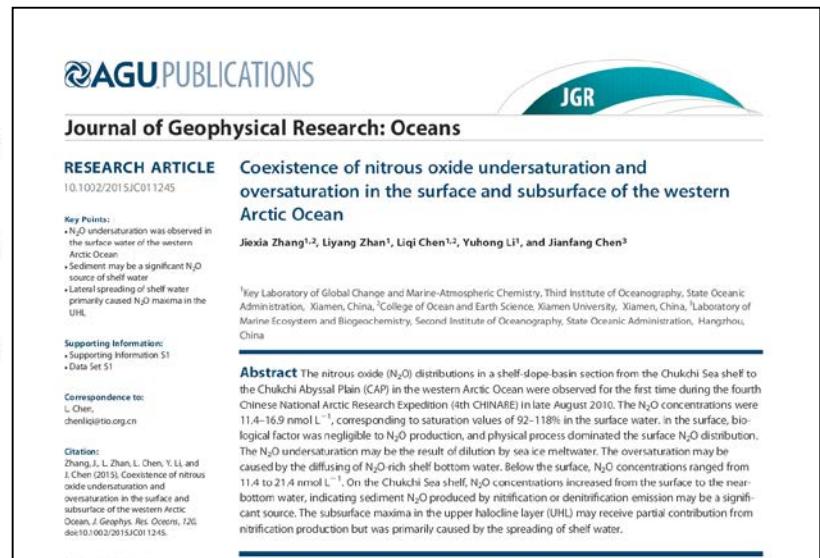
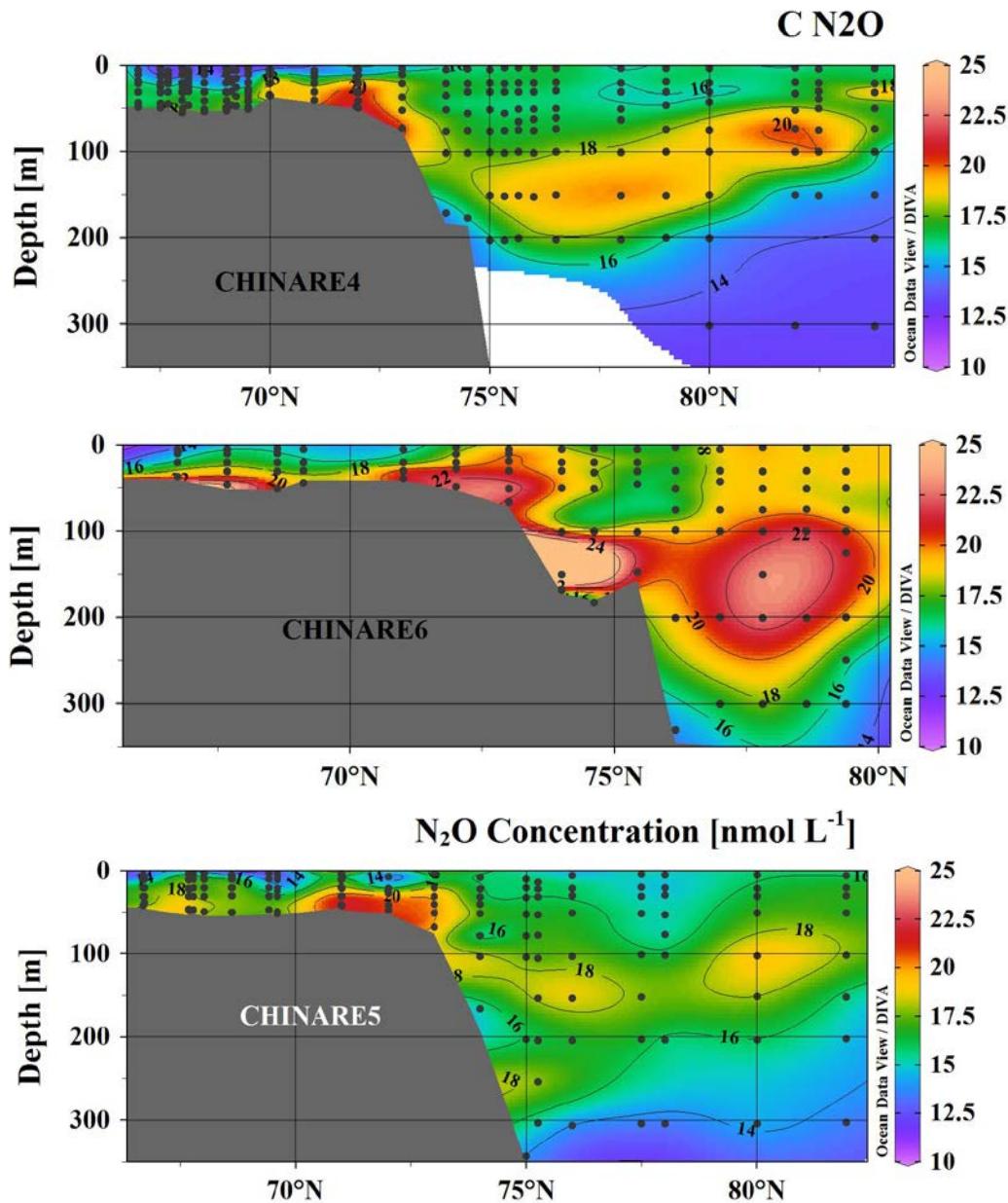
Increase in acidifying water in the western Arctic Ocean

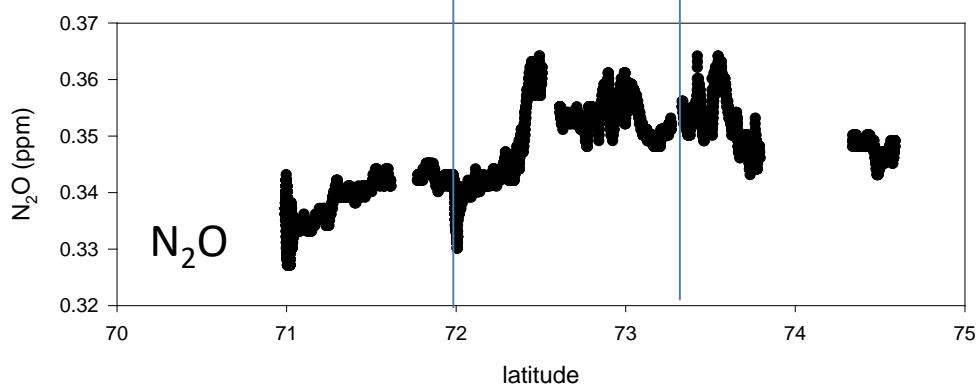
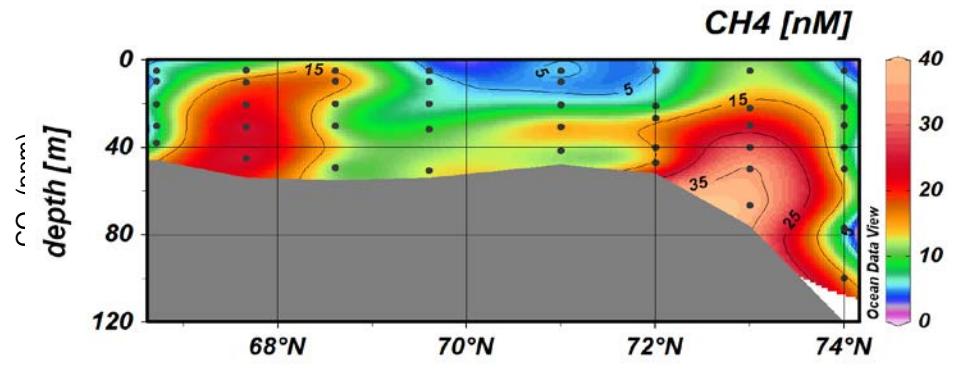
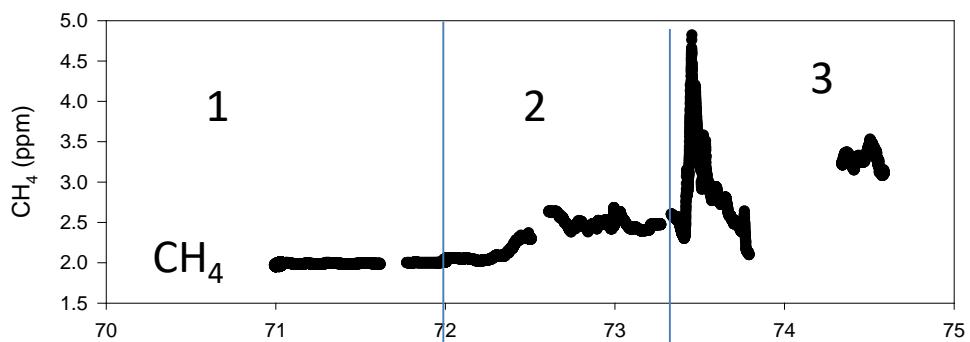
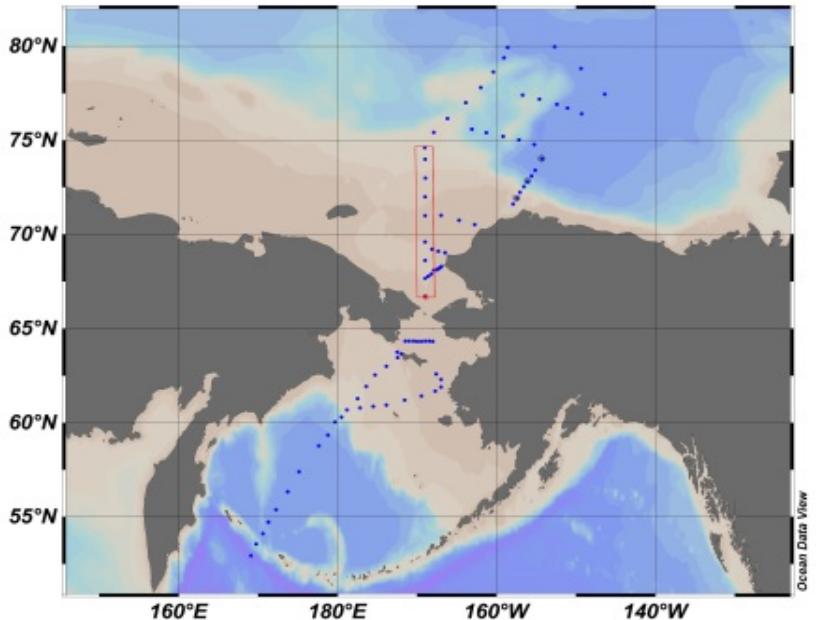


Data source:
AOS 1994
Sheba 1998
COEN 2005
CHINARE 2008
CHINARE 2010



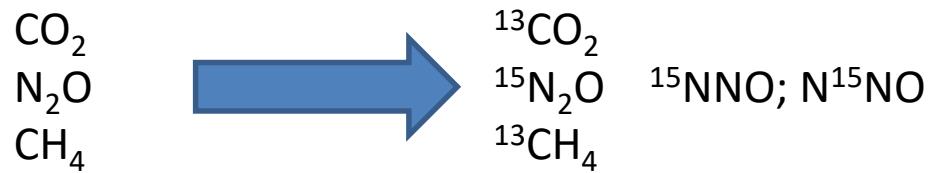
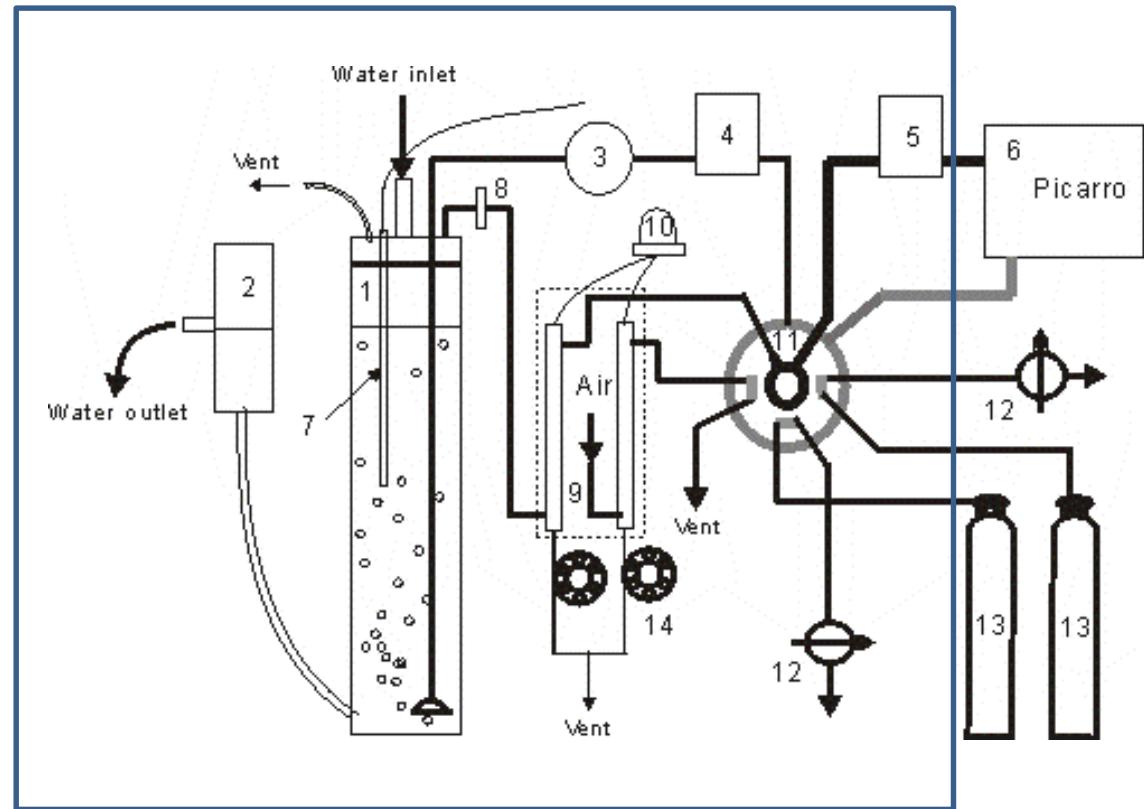
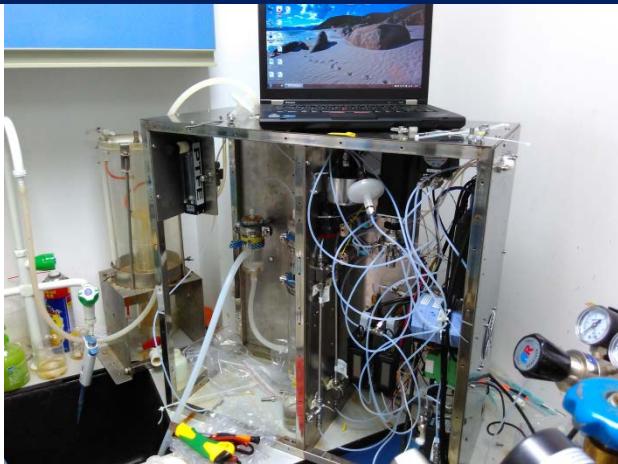
Greenhouse gas study





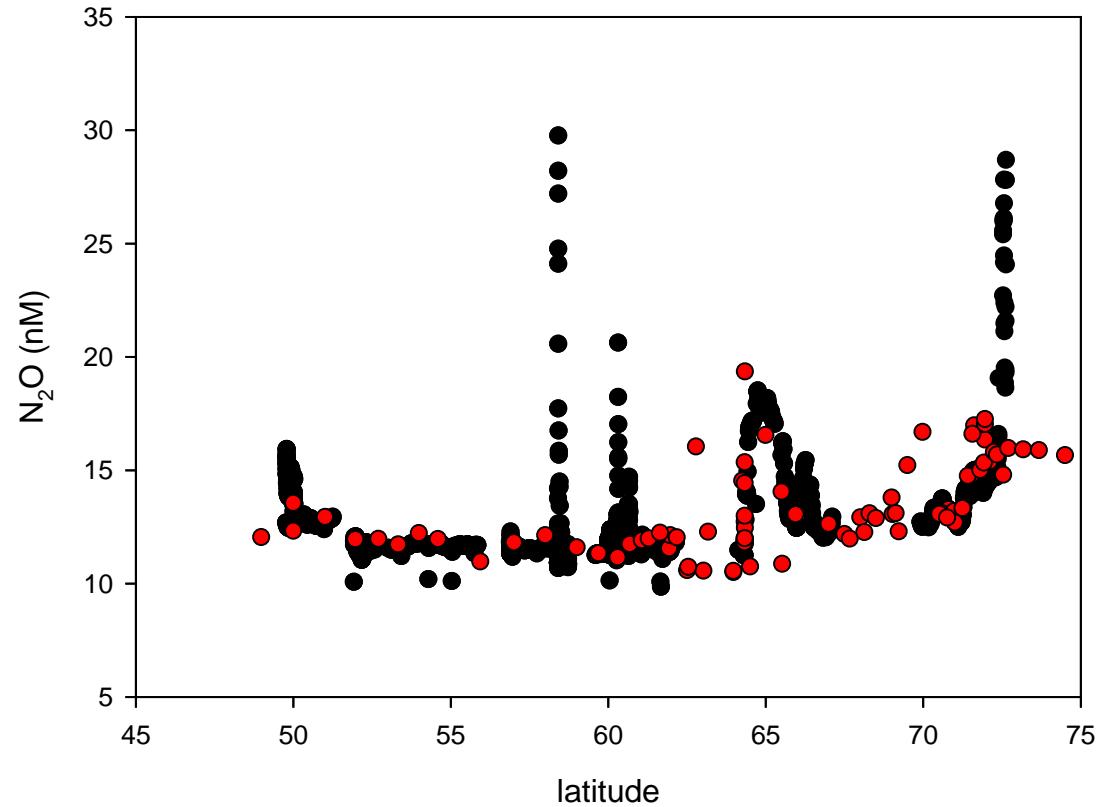
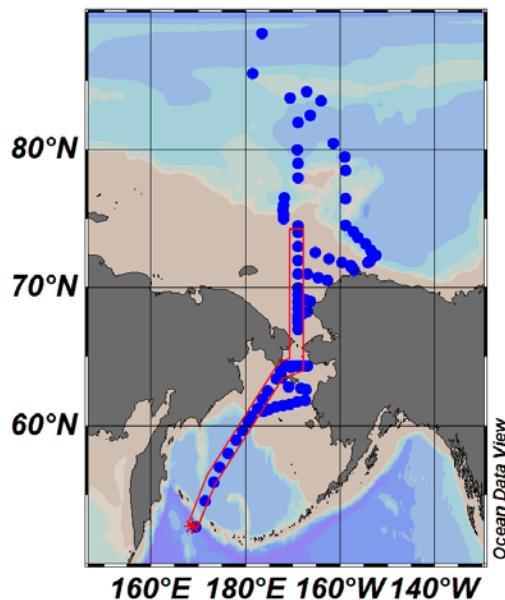
Future work

Underway methods



Progress on green house gases study and further work

The 7th Chinese National Arctic Research Expedition (CHINARE)



The 7th CHINARE (black)
The 4th CHINARE (Red)