

DBO Zooplankton – updates from Sir Wilfrid Laurier Work

Regional Biogeography and 2012 update

2013 Multi-frequency acoustic instrument for characterization of vertical ecosystem structure in the N Bering and Chukchi seas.

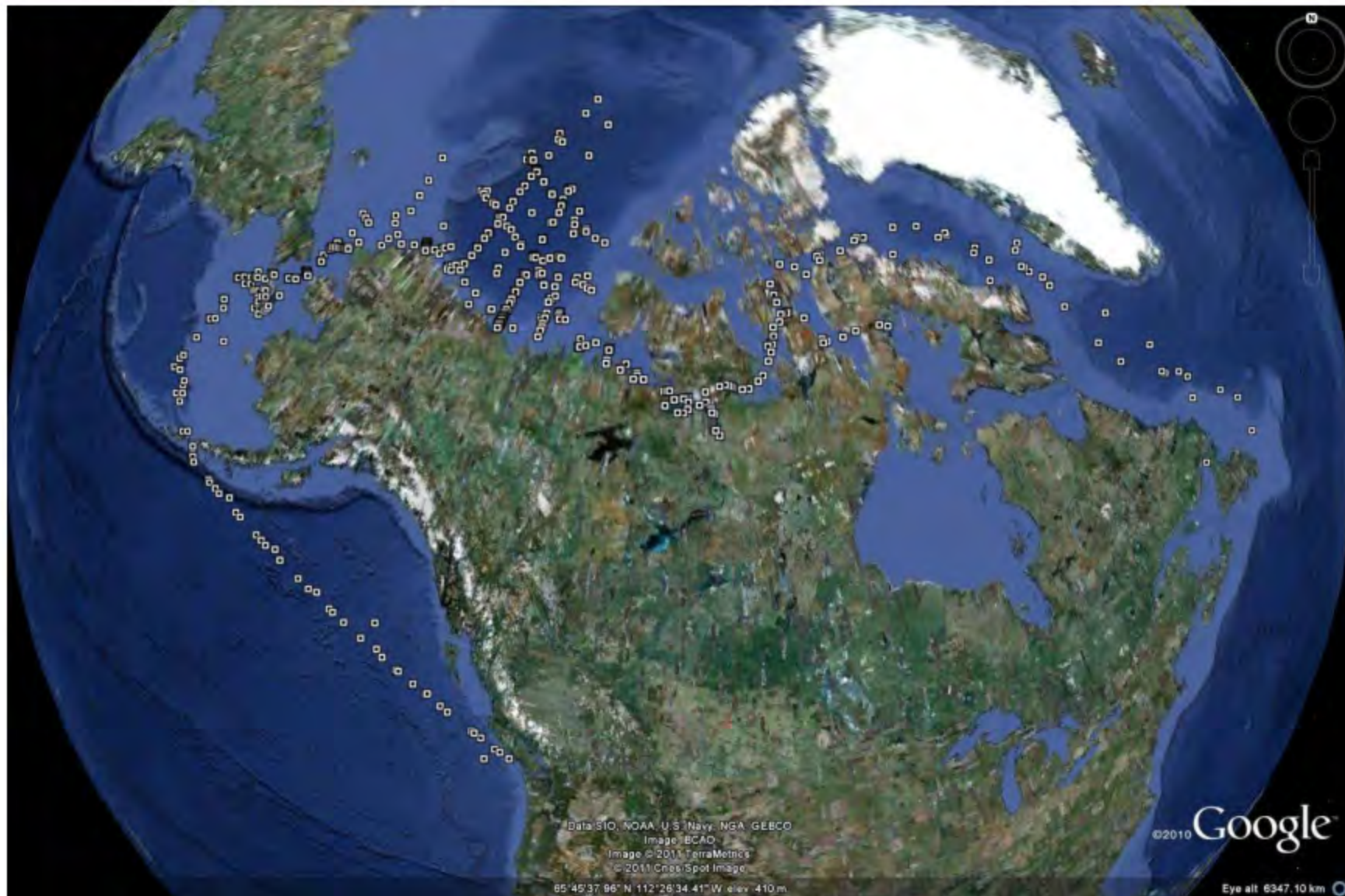
John Nelson, Kelly Young, Moira Galbraith,
Corinne Pomerleau, Svein Vagle, David Lemon, Jan Buermans

Stantec Consulting Ltd, Fisheries and Oceans Canada,
ASL Environmental Sciences

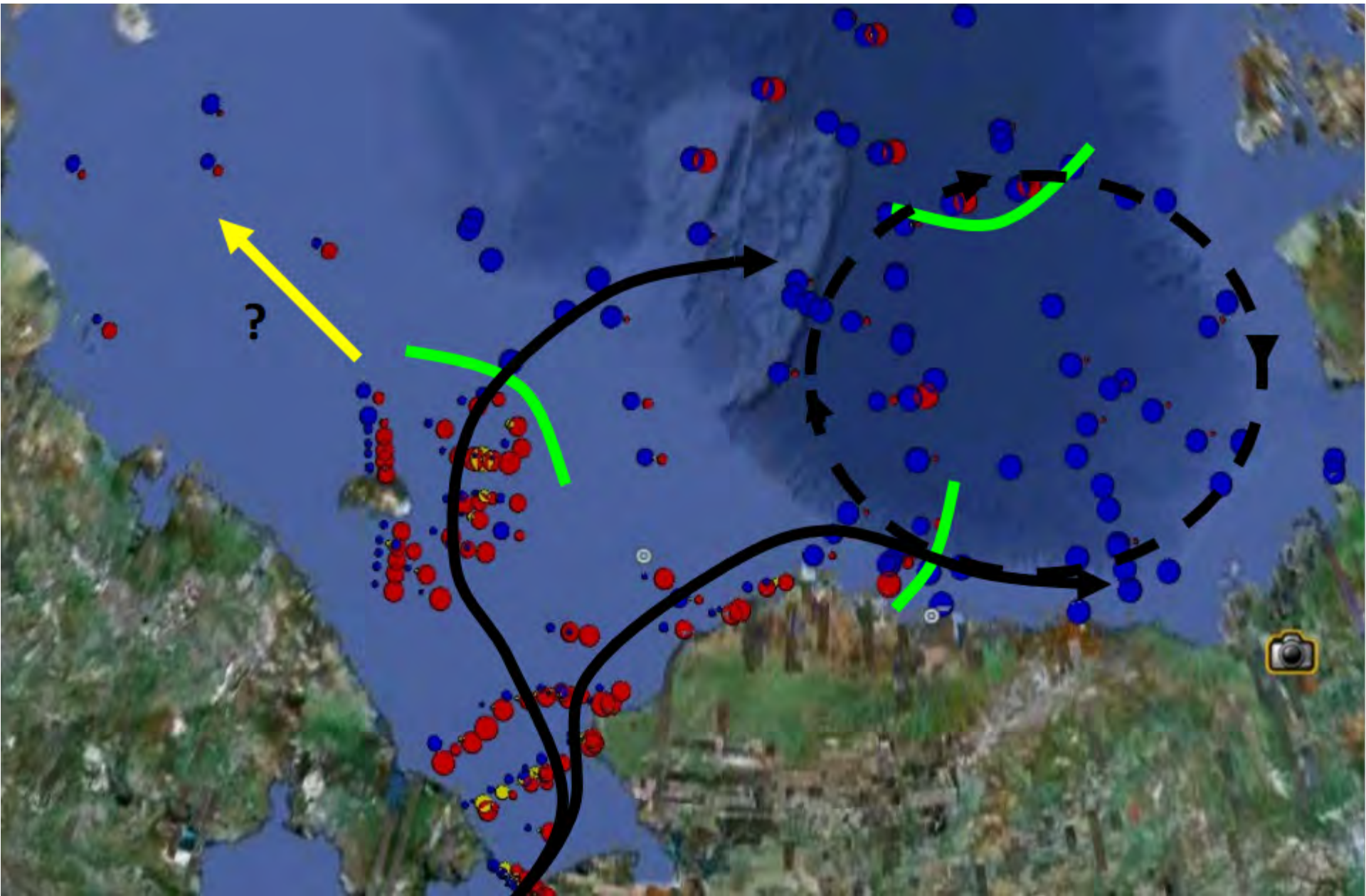
For more comprehensive view of our work to date see:

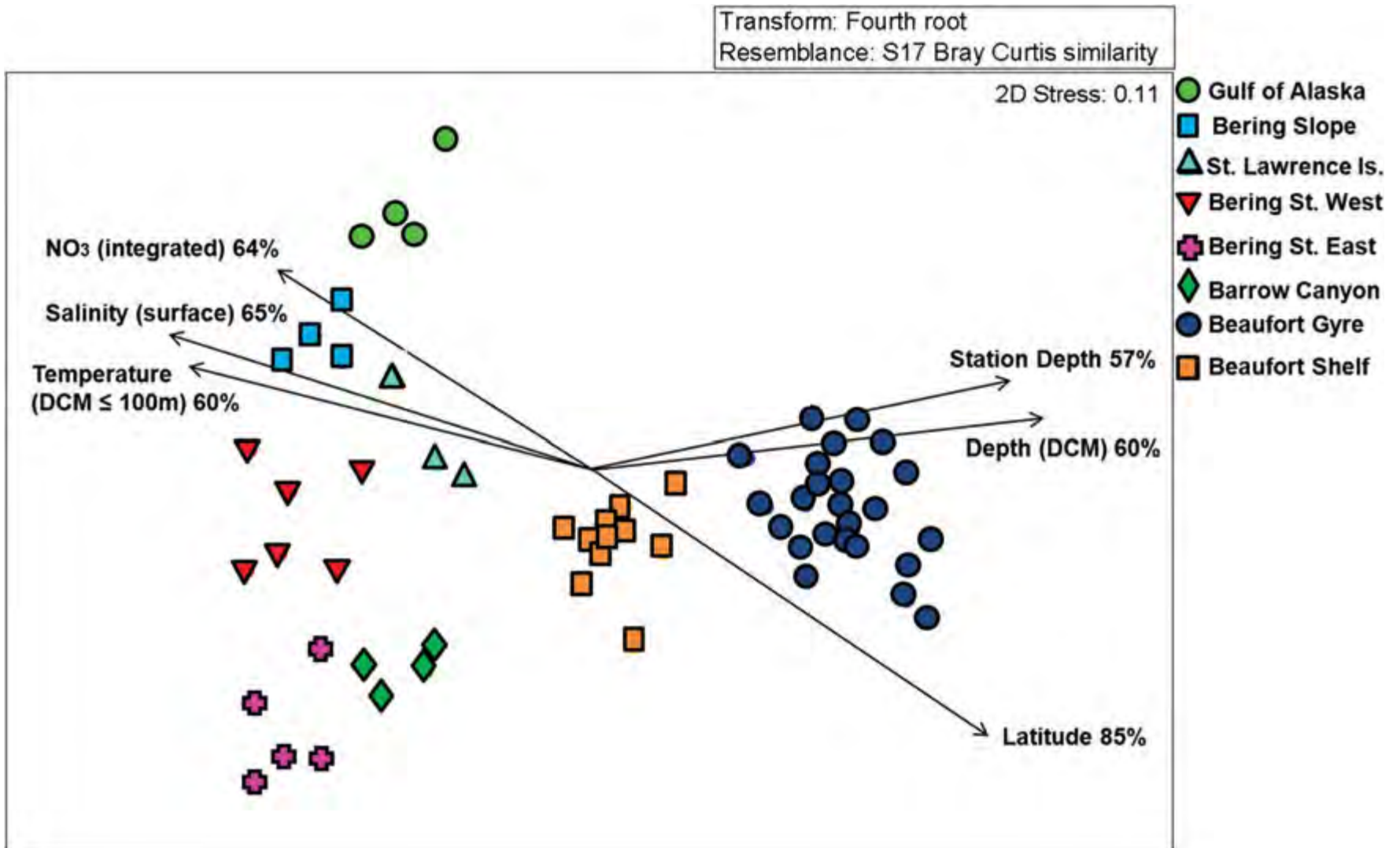
[http://arctic.cbl.umces.edu/DBO/DataMeetingPDFs/
14_Nelson_DBOSeattle2013.pdf](http://arctic.cbl.umces.edu/DBO/DataMeetingPDFs/14_Nelson_DBOSeattle2013.pdf)

Zooplankton sampling in region since 2000.



Genetics

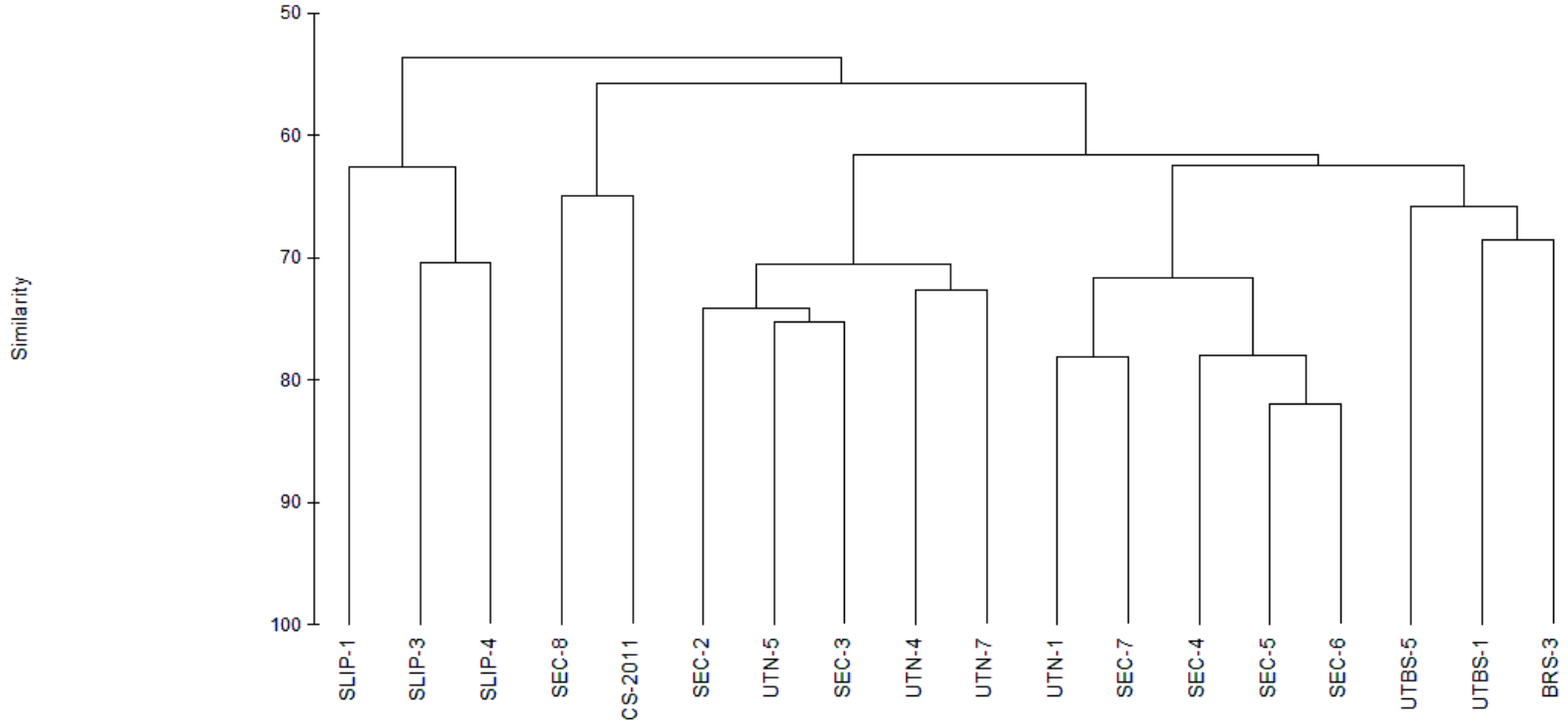






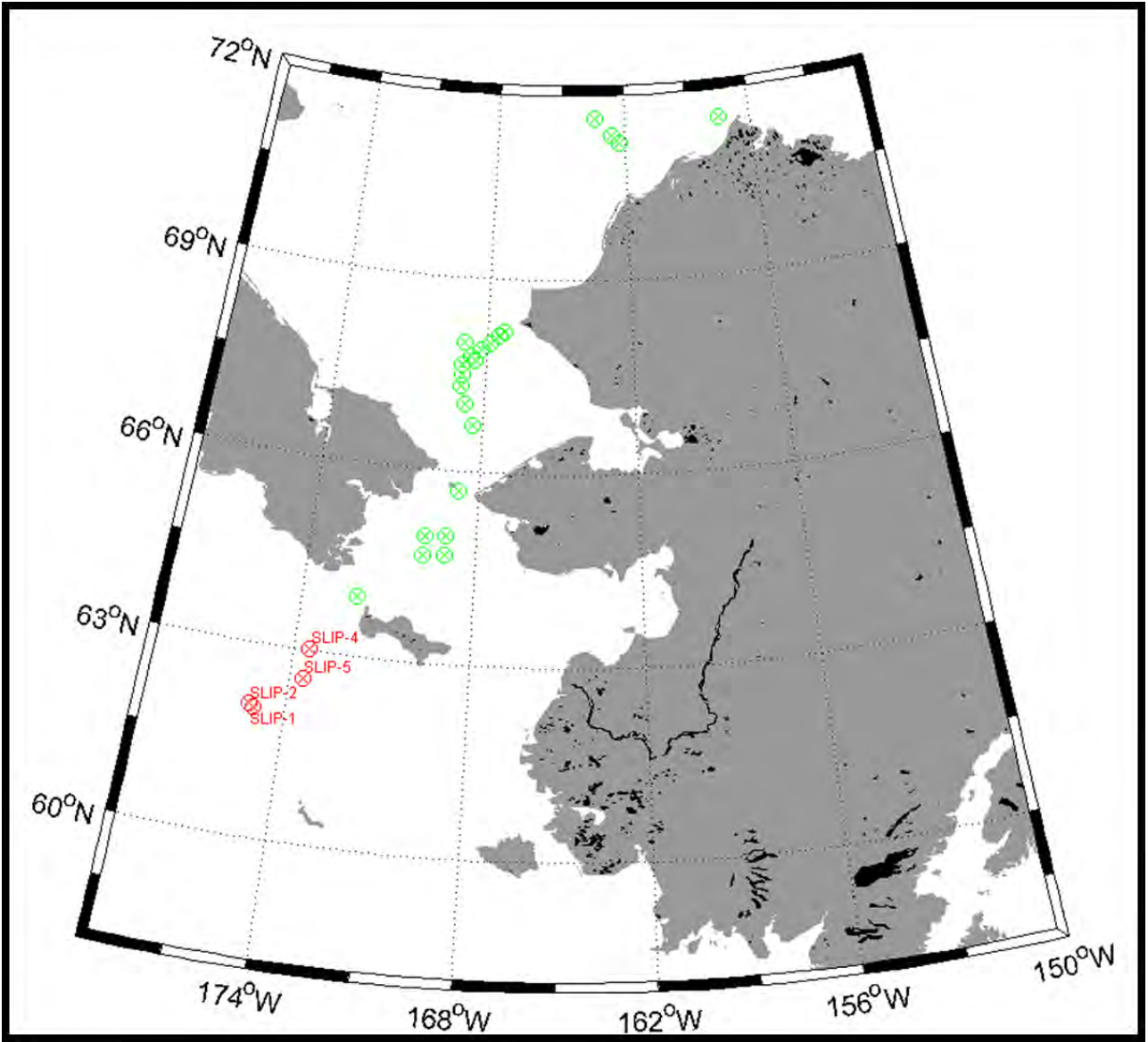
Biogeographical Structure 2012

dbo 2012

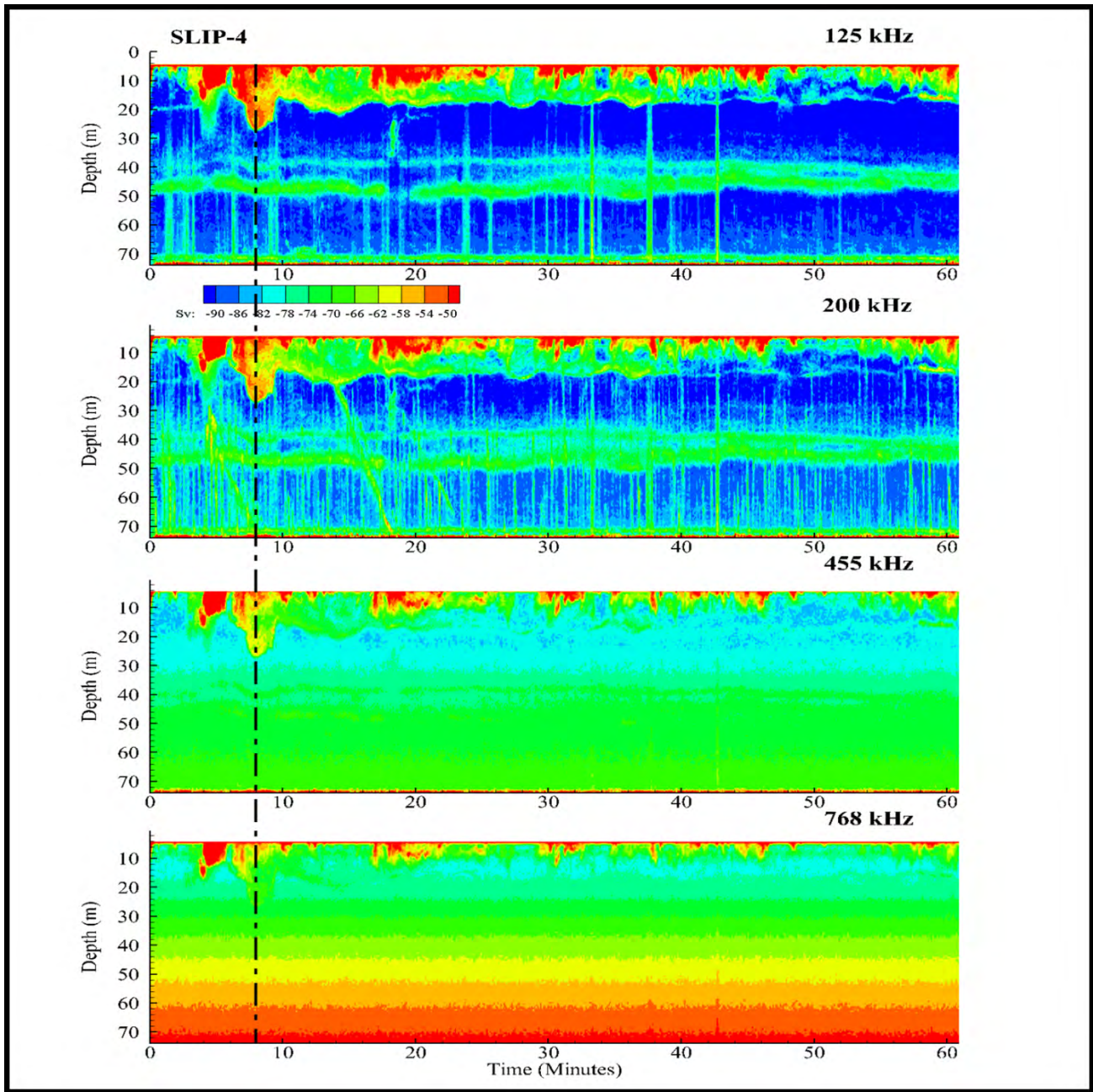


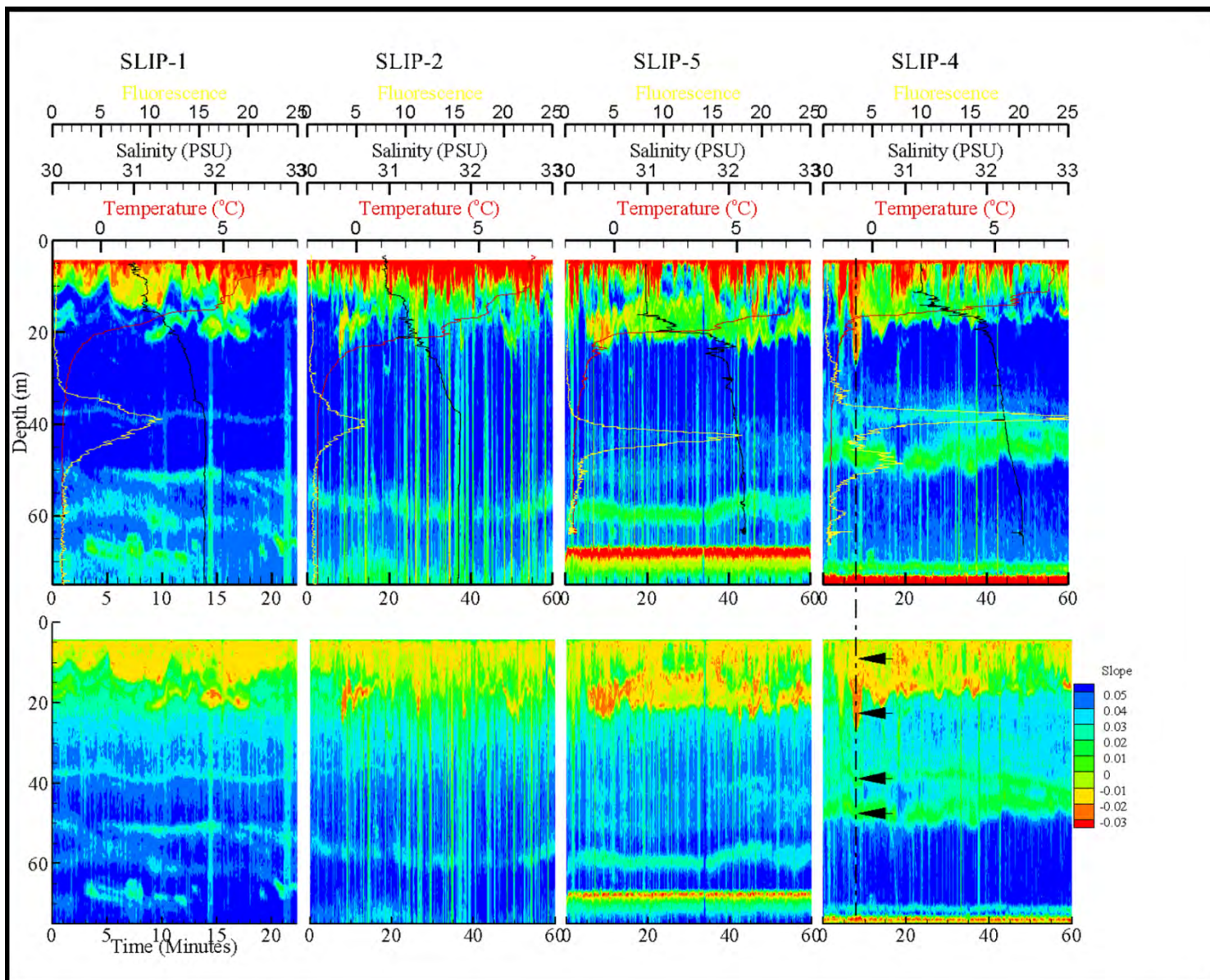
2013 Multi-frequency acoustic instrument for characterization of vertical ecosystem structure in the N Bering and Chukchi seas.

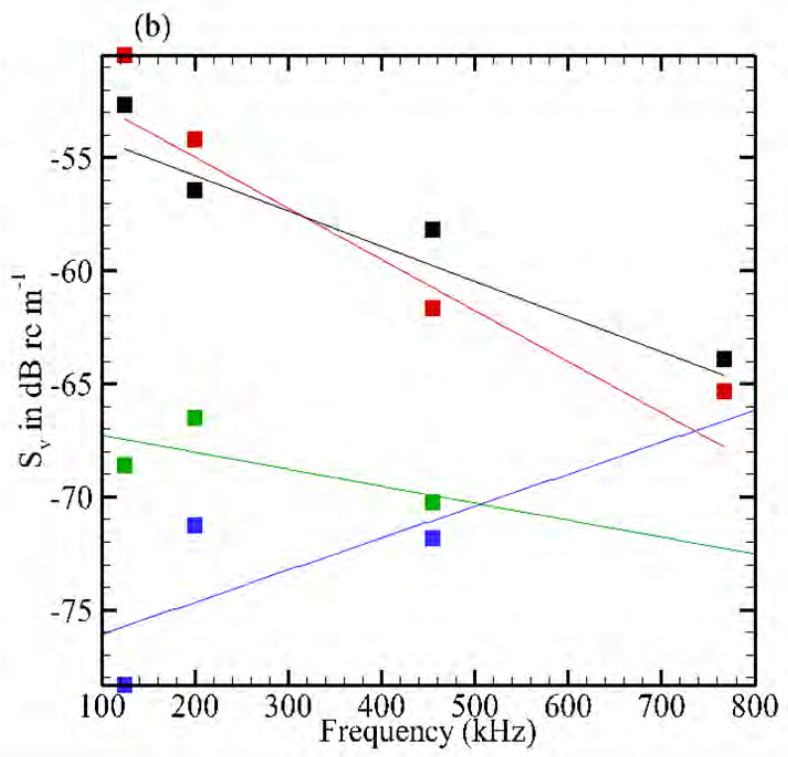
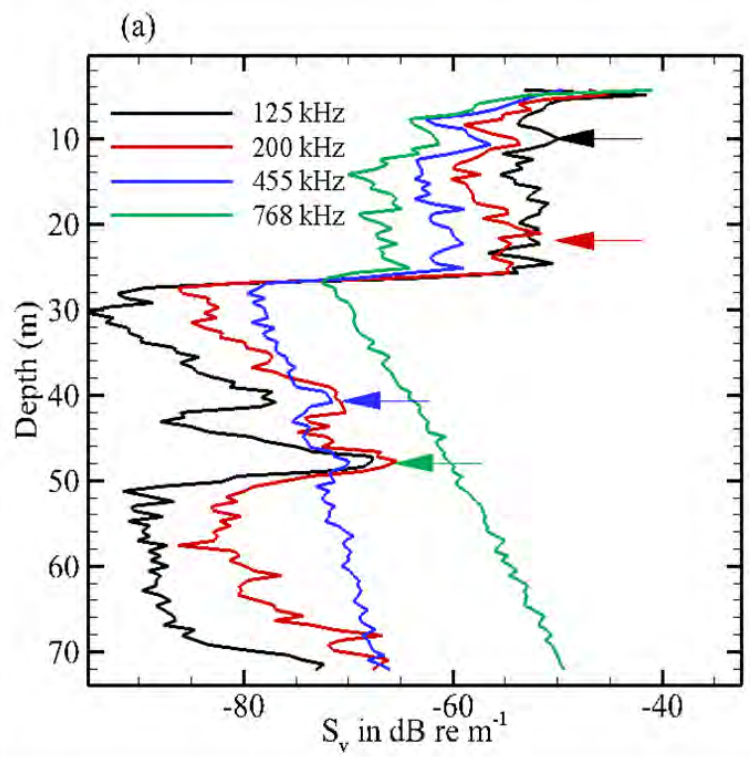
2013











Future Work

Biogeo – run more samples!

Acoustics

Horizontal mounted instrument

Vertical stratified tows to identify layers