

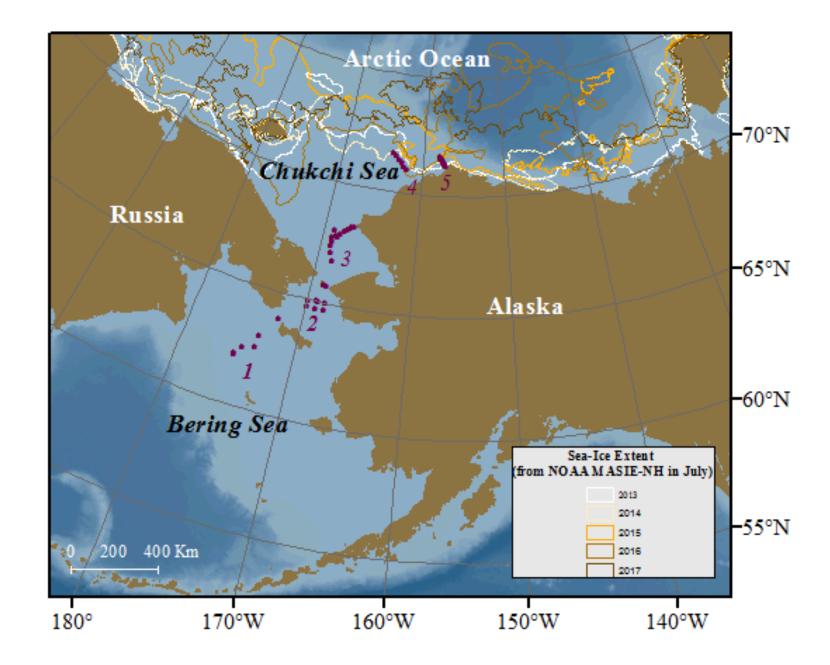
## Chromophoric dissolved organic matter (CDOM) measurements across DBO from 2013 to 2017

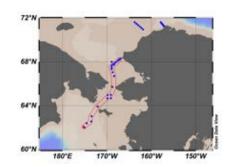
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Clark University
Graduate School of Geography
DBO Workshop
9 November 2017

CDOM sources can be allochthonous or autochthonous.



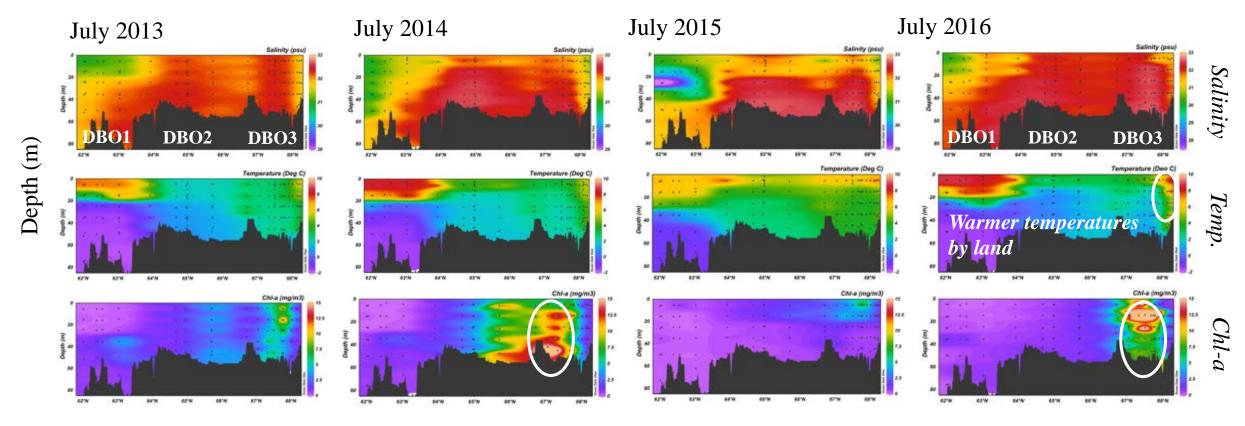




## Field observations for DBO 123

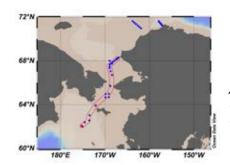


Salinity (psu), temperature (°C), and chlorophyll-a (chl-a) Black markings indicate stations and their respective depths. Land is to the right.



Latitude

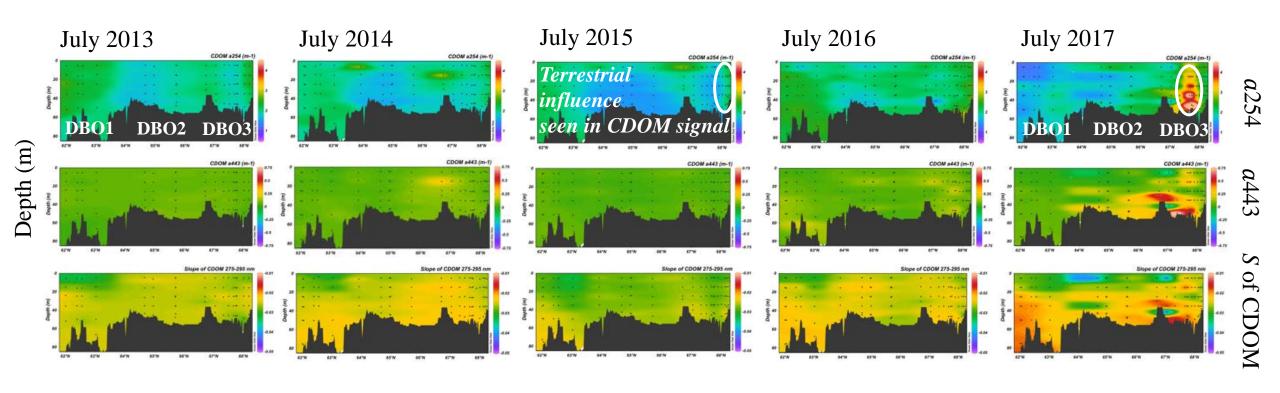
How do these results compare to CDOM distribution from 2013 to 2017?



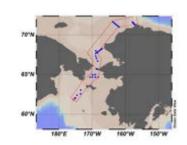
## Field observations for DBO 123



Absorbance of CDOM a254 (m<sup>-1</sup>), a443 (m<sup>-1</sup>), and Slope of CDOM 275-295 nm Black markings indicate stations and their respective depths. Land is to the right.



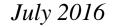
Latitude

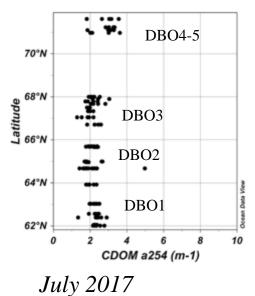


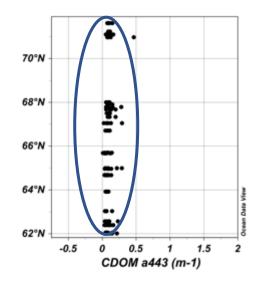
## Continuous Measurements of CDOM across the Bering and Chukchi Seas

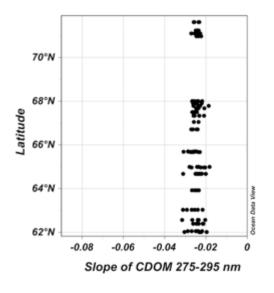


Similar CDOM absorbance at 254 and 443 nm across the Bering and Chukchi seas?









Higher CDOM production between 68-72°N?

