

Supplement of Biogeosciences Discuss., 11, 13251–13307, 2014
<http://www.biogeosciences-discuss.net/11/13251/2014/>
doi:10.5194/bgd-11-13251-2014-supplement
© Author(s) 2014. CC Attribution 3.0 License.



Supplement of

Methane and carbon dioxide emissions from 40 lakes along a north–south latitudinal transect in Alaska

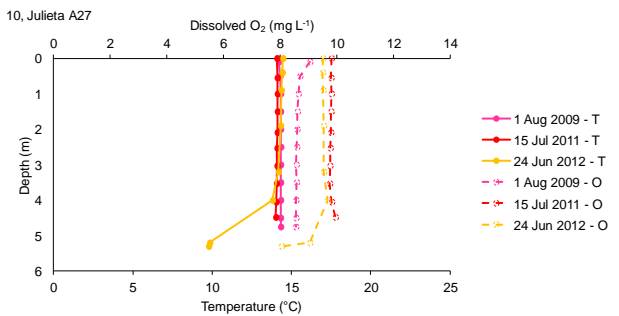
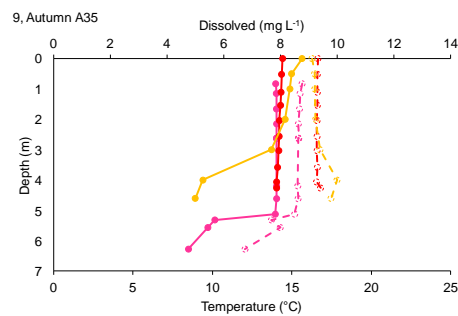
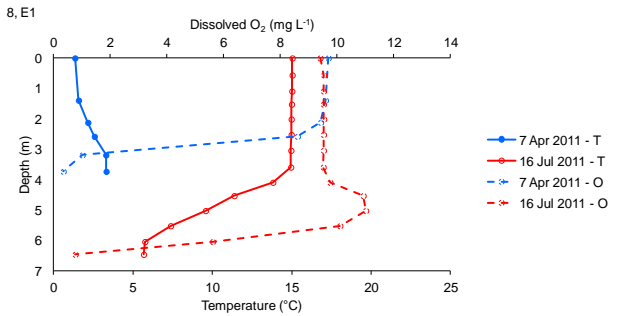
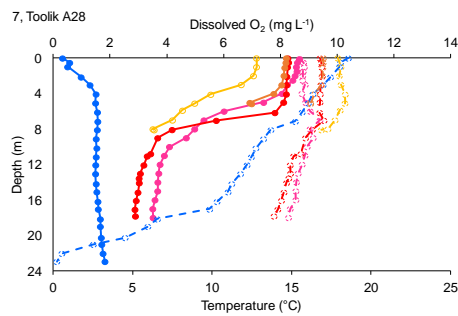
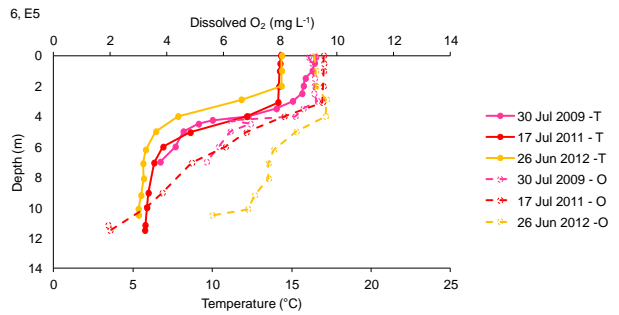
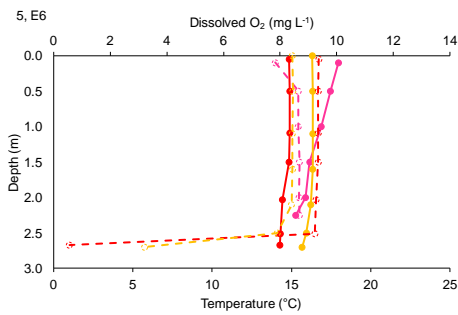
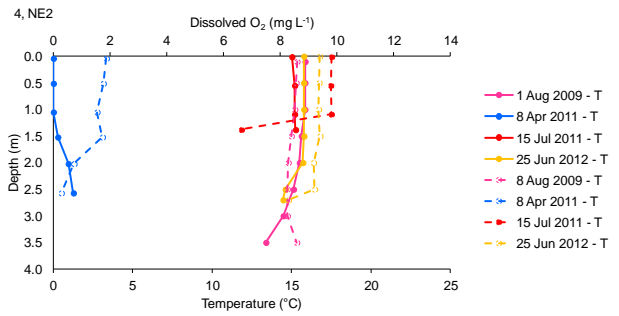
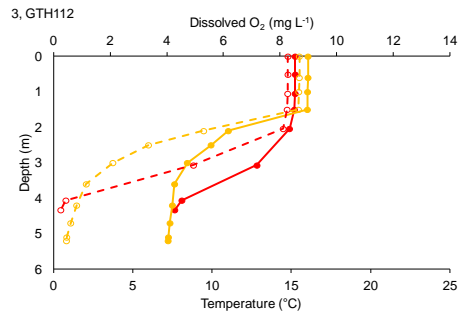
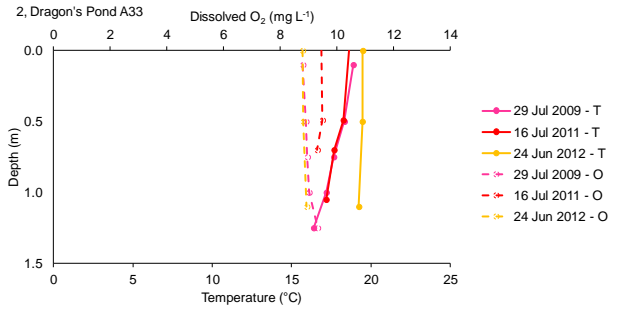
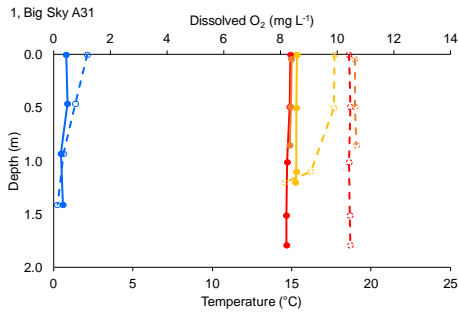
A. Sepulveda-Jauregui et al.

Correspondence to: K. M. Walter Anthony (kwalteranthony@alaska.edu)

1 **Supplementary Figure: Appendix B**

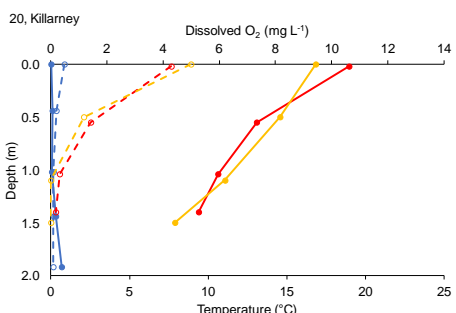
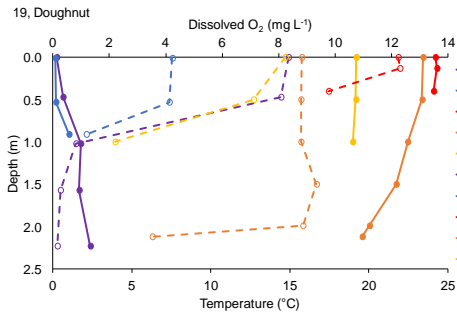
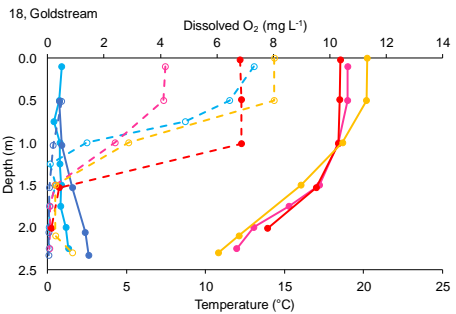
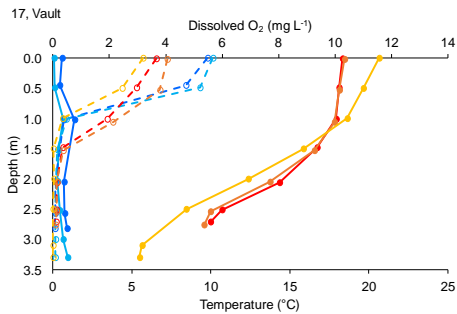
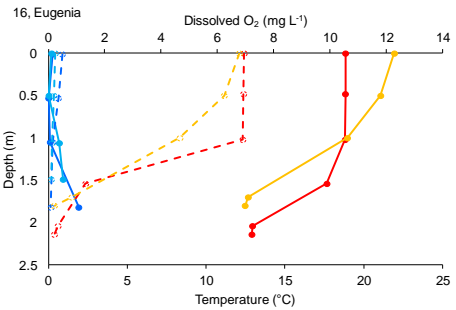
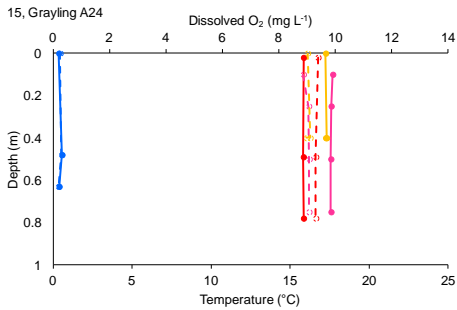
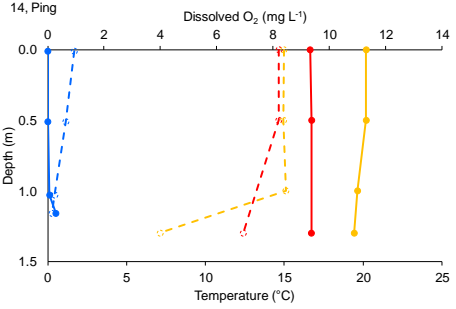
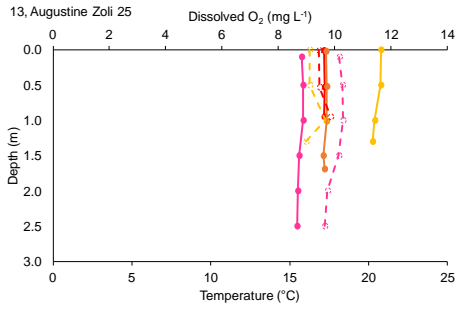
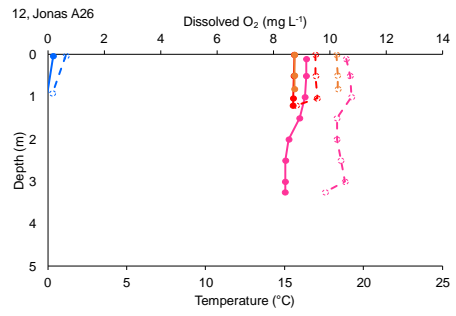
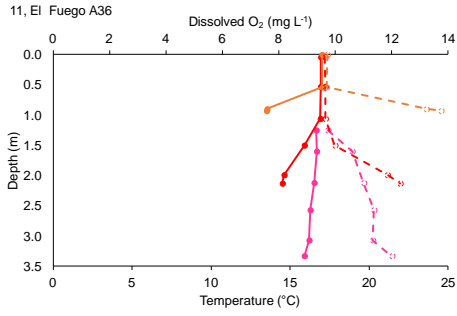
2

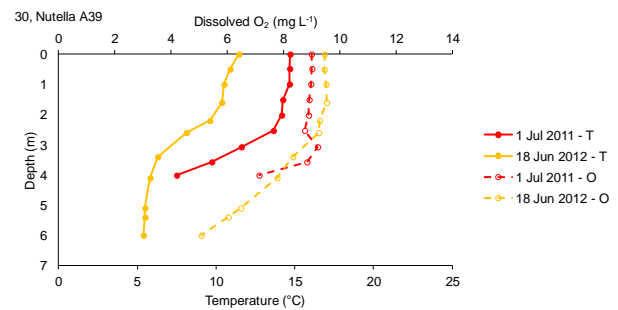
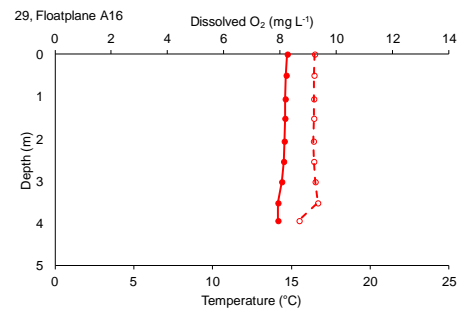
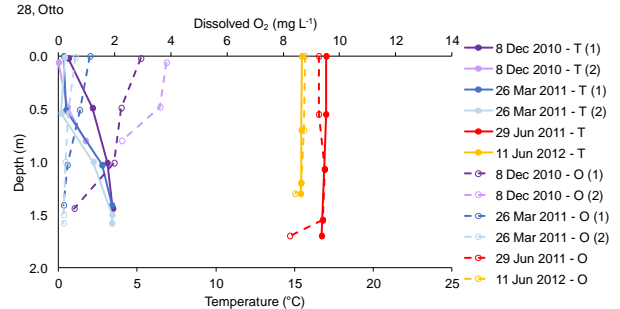
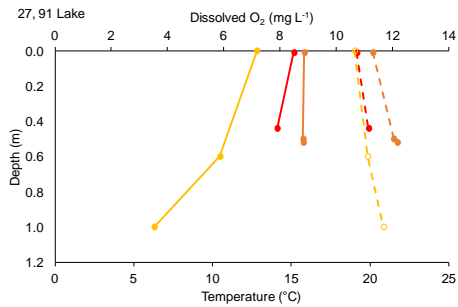
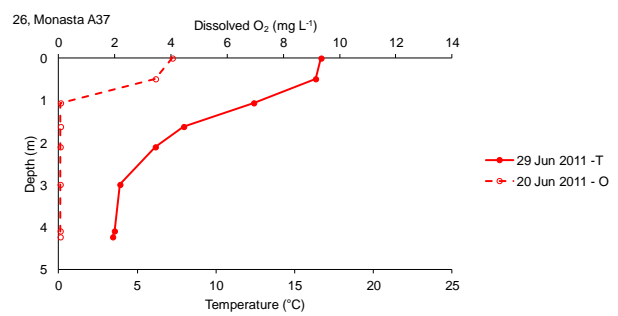
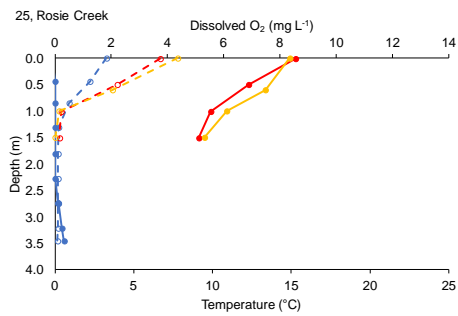
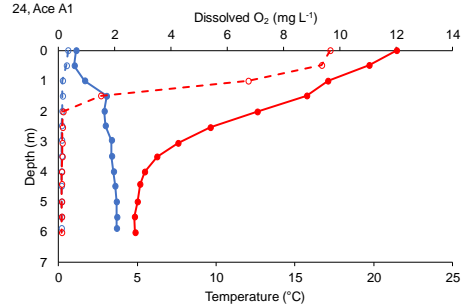
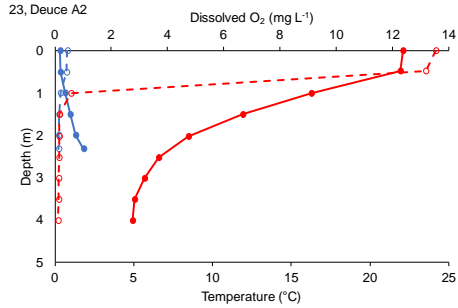
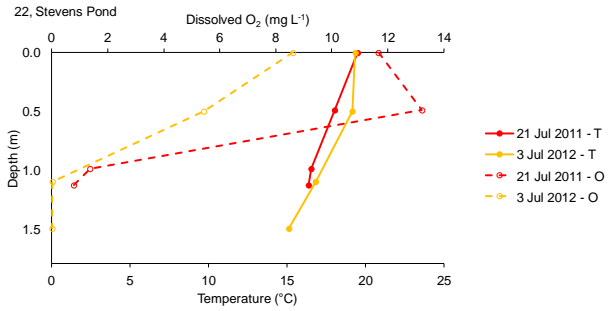
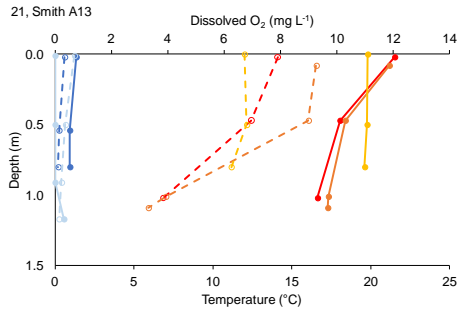
3 Temperature (solid lines) and dissolved oxygen (dashed lines) profiles measured in study lakes
4 in 2009, 2011 and 2012. Data from 2011 and 2012 at locations specific to the contemporary
5 dissolved gas and other physicochemical measurements were used in our analysis. We have
6 included additional temperature and dissolved oxygen data from other sites in the study lakes in
7 2009 and 2011, which give an indication of spatiotemporal variability in the lakes. If more than
8 one site within a lake was measured on the same date, sites are distinguished in the key. Summer
9 data are shown as warm colors (pink, red, orange); winter data are blue. We used * to indicate
10 instances where data from the dissolved oxygen probe are not available at the lake bottom.



1

2





1

2

