Nearshore Ocean Acidification Monitoring in Oregon

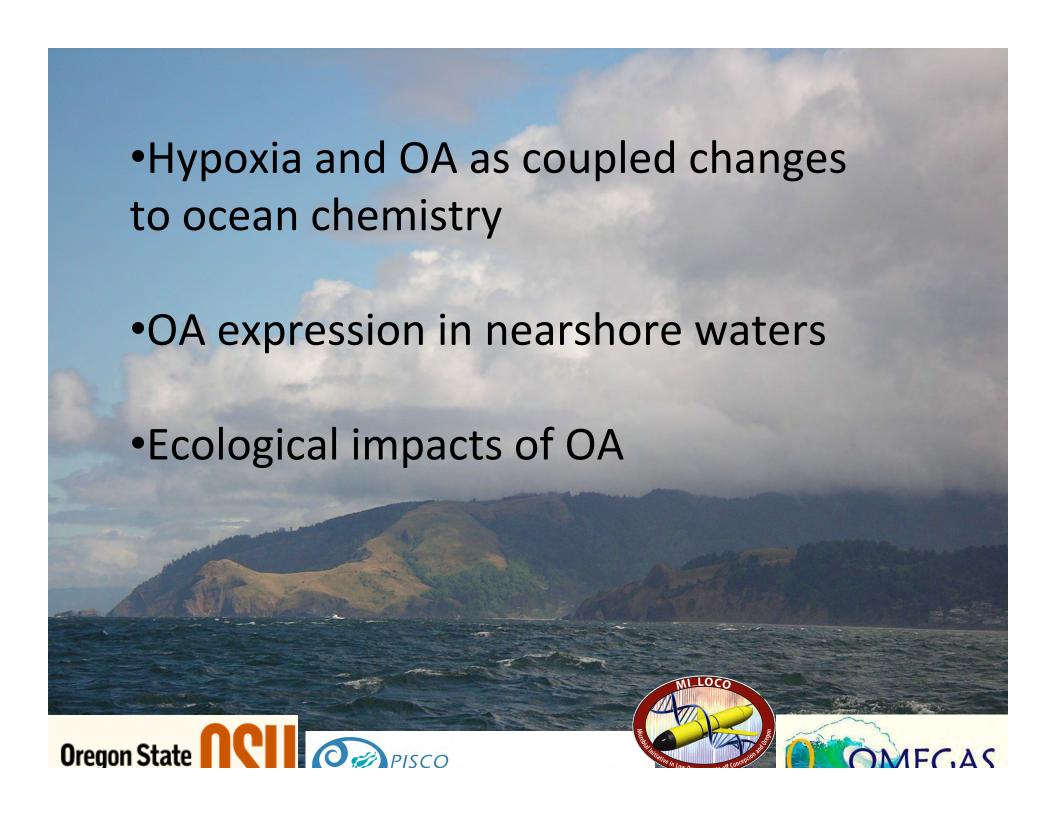
Francis Chan, Bruce Menge, Burke Hales, Jack Barth

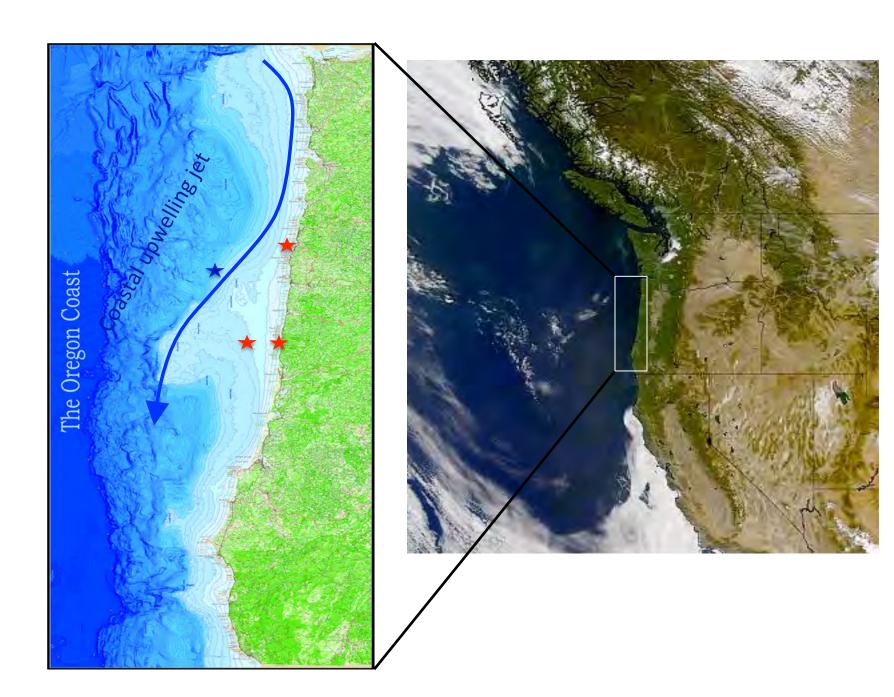


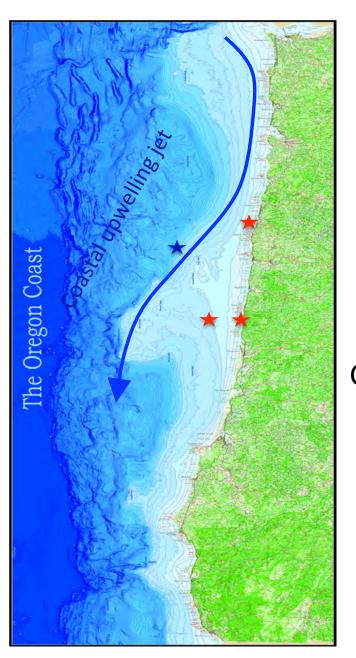


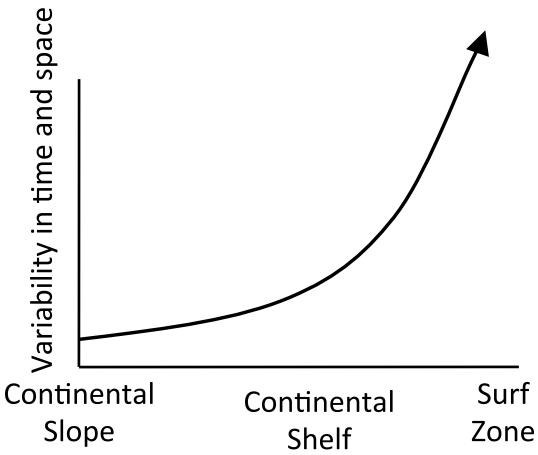




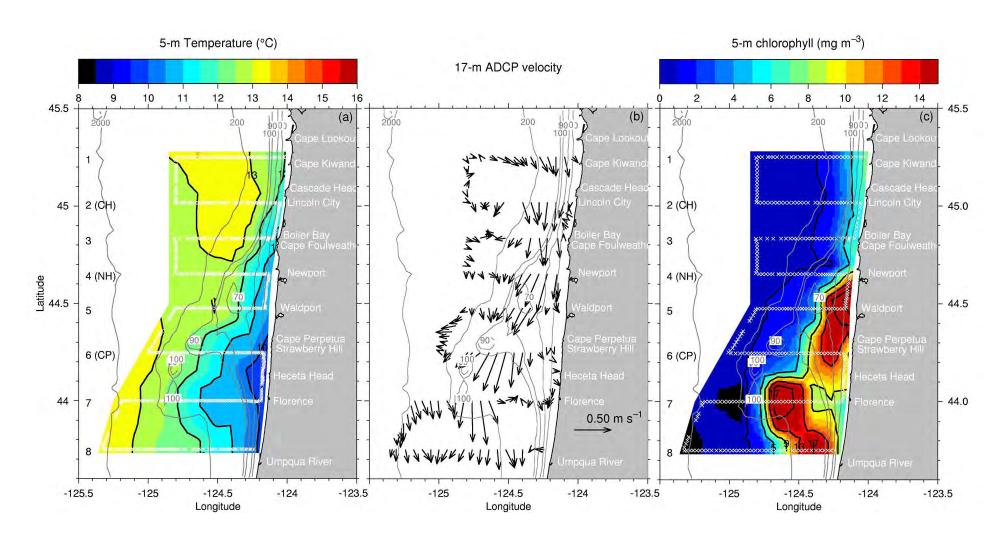






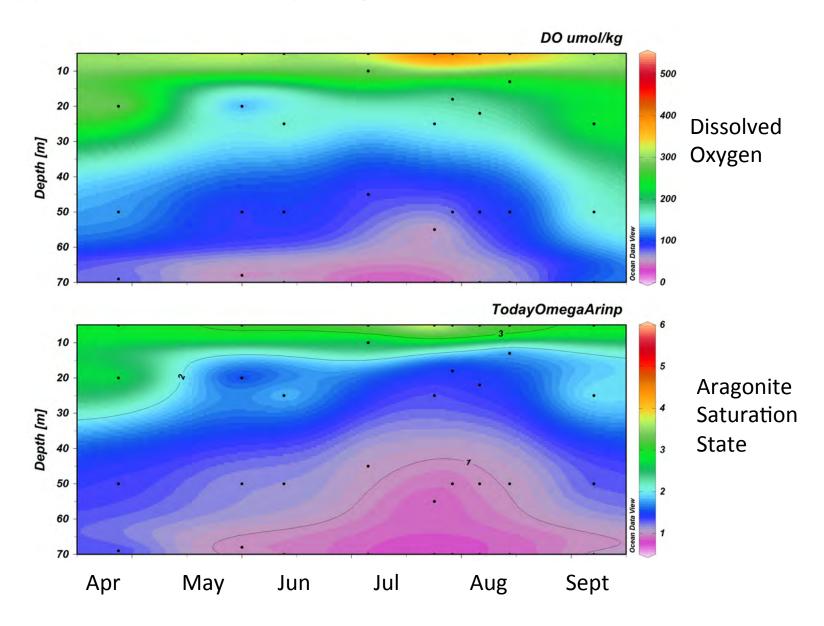


Strong bio-physical coupling and gradients



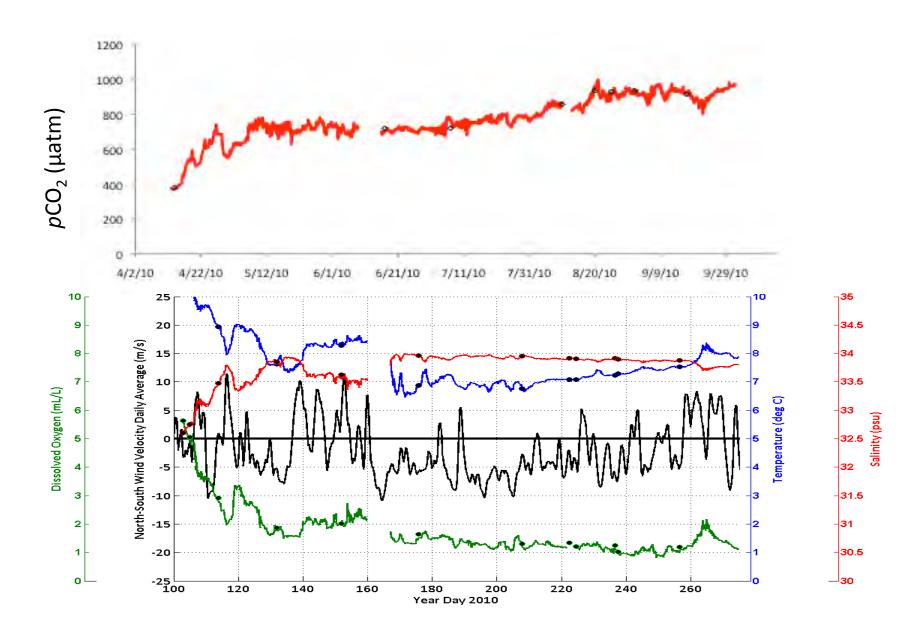
Barth et al. 2003

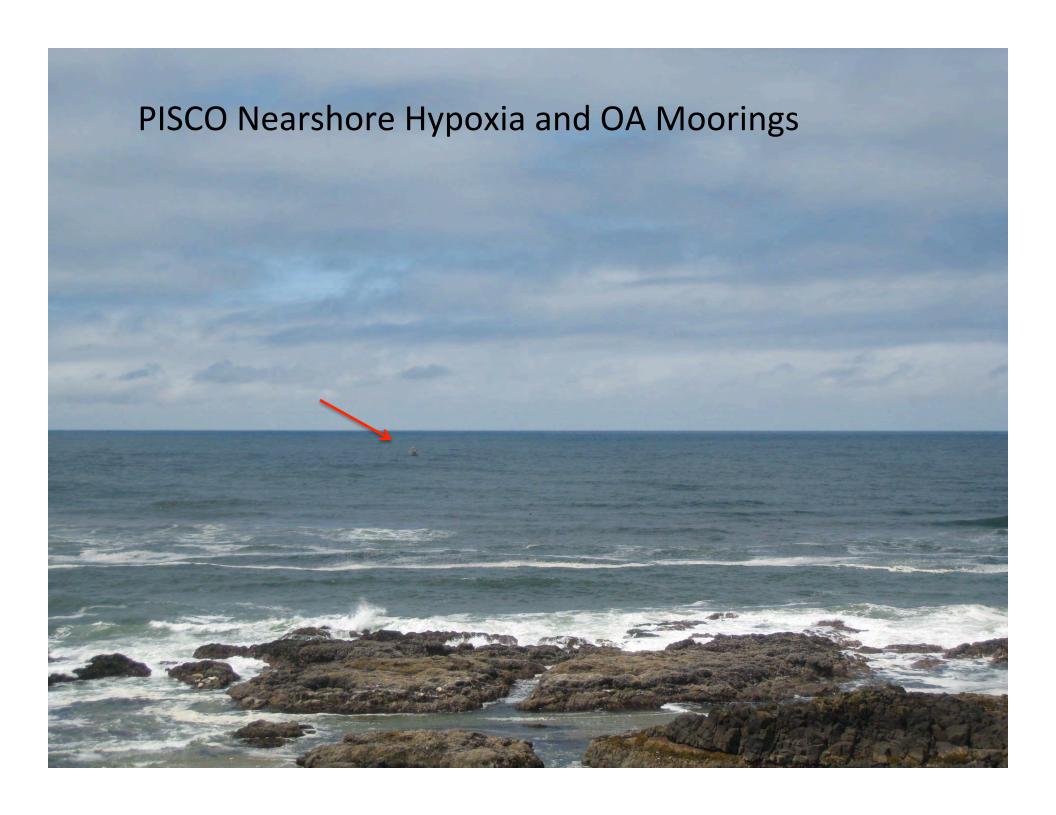
Hypoxia – OA coupling





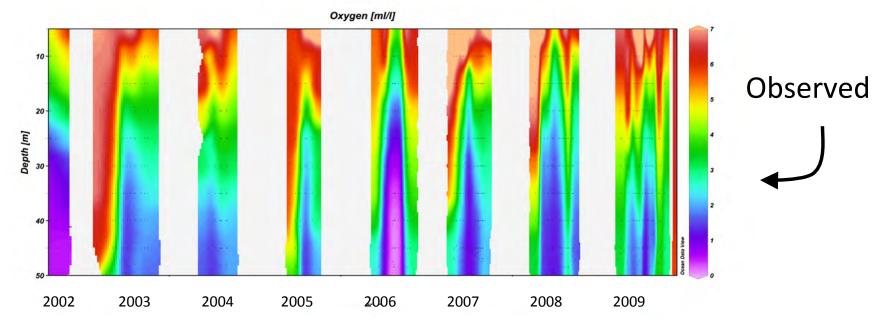
MI_LOCO Mid-Shelf Lander Time-Series



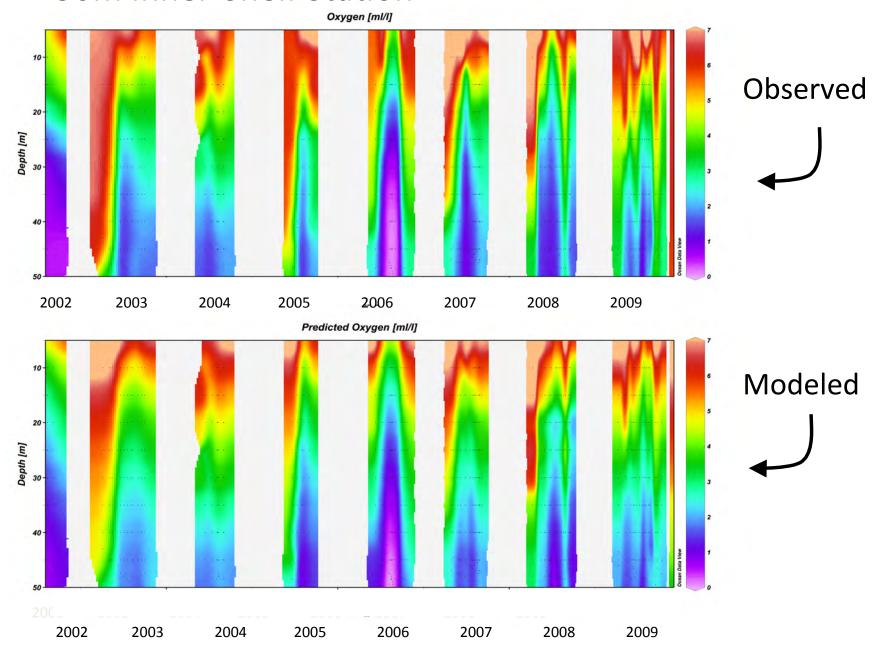




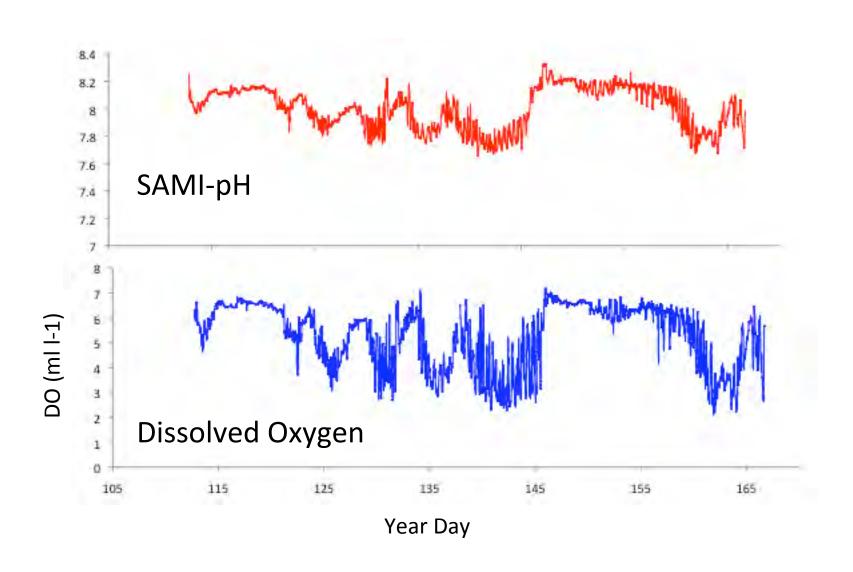
50m Inner-Shelf Station

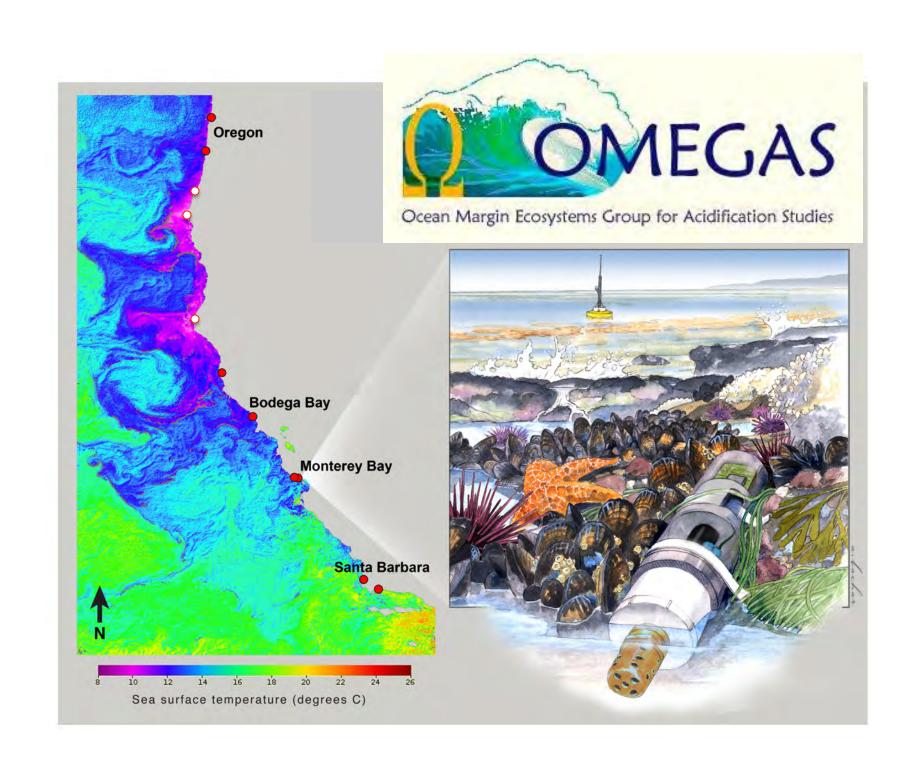


50m Inner-Shelf Station



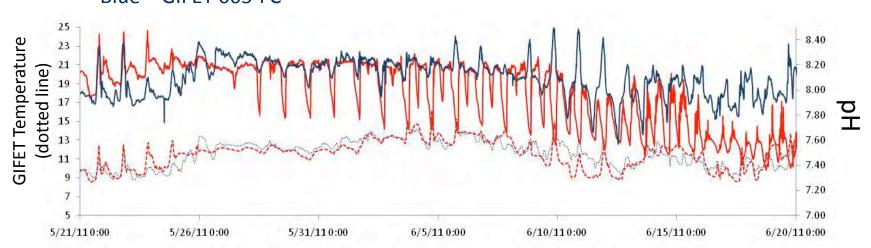
15m Inner-Shelf Mooring (LB-15)

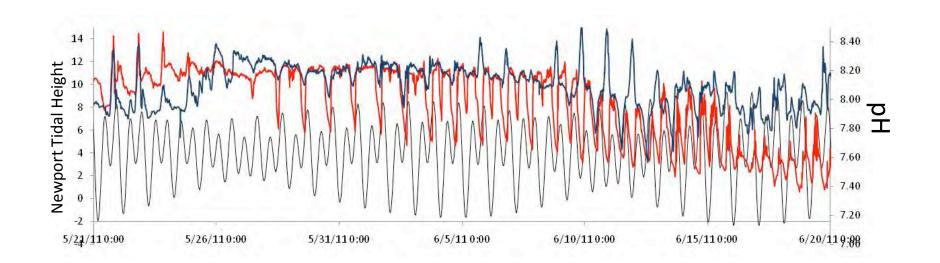




Inter-Tidal pH

Red = GIFET 004-SH Blue = GIFET 005-FC





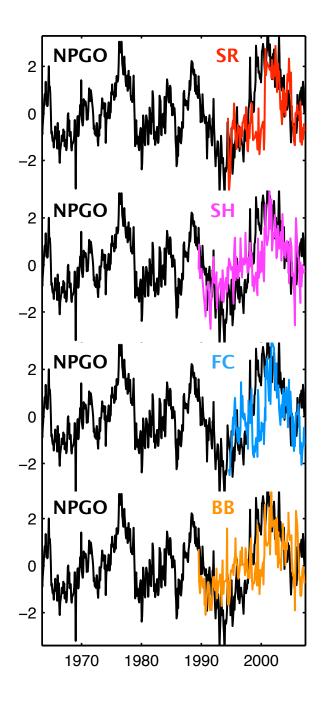


Ecological Monitoring is Critical





Recruitment of Mussels







Menge et al. 2009

