POSTER LIST (alphabetical by author)

First author	Poster Title	Session or General
Archibald, Kevin	Modeling the impact of zooplankton diel vertical migration on the carbon export flux of the biological pump	General
Arroyo, Mar	CO_2 System Dynamics in the Dalton Polynya, East Antarctica	Polar
Bif, Mariana	Using cruises and Bio-Argo floats data to estimate dissolved organic carbon in the Northeast Pacific Ocean	Time-series
Bochdansky, Alexander	Net carbon remineralization (defined here as CO_2 release) of stable isotope-labeled phytoplankton measured in the mesopelagic environment with a newly designed deep-sea incubator	Microzooplankton
Bociu, Ioana	Initial DECK analysis of the carbon cycle in GFDL's CM4 contribution to CMIP6	Time-series
Boyd, Philip	A web- based Best Practice Guide to design marine multiple driver experiments	General
Buchanan, Pearse	Marine nitrogen fixers crucial for dust-driven strengthening of the biological carbon pump	Phytoplankton/models
Busecke, Julius	How important are forced changes in the equatorial current system for the extent of tropical oxygen minimum zones?	General
Cael, B.B.	A metabolic model of biogeochemistry	Phytoplankton/models
Campbell, Robert *C. Ashjian, presenting*	Mesozooplankton are not herbivores: The importance of microzooplankton in mesozooplankton diets and in arctic and sub-arctic trophic linkages	Microzooplankton
Chappell, P. Dreux	Both dissolved iron and coastal water additions to Southern Drake Passage waters stimulate similar growth responses and shifts in diatom community composition.	Polar
Chien, Chia-Te	An Optimality-Based Non-Redfield Ecosystem Model for the UVic-ESCM	Phytoplankton/models
Cohen, Natalie	Nitrate, iron and B_{12} metabolism in eukaryotic phytoplankton across a geochemical gradient in the central Pacific Ocean	Microzooplankton
Craig, Susanne	The EXPORTS (EXport Processes in the Ocean from Remote Sensing) Project – Unique Challenges for Data Management and Synthesis	General
Cruz, Bianca	Molecular and microscopic characterization of sinking particles at the Bermuda-Atlantic Time Series Study station (BATS)	General
Curry, Ruth	*withdrawn*	
Dam, Hans	Rapid Adaptation of a Marine Copepod to a Greenhouse World	Evolution
Durkin, Colleen	Organismal contents of sinking particles identify biological source and ecological interactions that lead to carbon export	Phytoplankton/models
Erickson, Zachary	Seasonal cycle of variability, instabilities, and subduction at submesoscales	General
Eveleth, Rachel	Geostatistical analysis of North Atlantic mesoscale biophysical variability in an eddy resolving CESM run	General

Fassbender, Andrea	Seasonal asymmetry in the evolution of surface ocean pCO_2 drivers	General
Feng, Zhixuan	Benthic Biological Hotspots in the Northern Bering and Chukchi Seas: Spatial Distributions and Environmental Drivers	Polar
Franzè, Gayantonia	Quantifying Temperature Dependence of the Growth Rates of Planktonic Grazers	Microzooplankton
Freilich, Mara	Non-linearity required to model wintertime phytoplankton growth	Microzooplankton
Fu, Feixue	Physiological Plasticity and Potential Adaptive Responses of Two Diazotrophs after Long-term Growth at Three Different Temperatures	Evolution
Galdies, Charles *R. Guerra presenting*	Variability in oceanic CO_2 parameters in the North Atlantic Subtropical gyre: a neural network approach	Time-series
Gardner, Wilford	Decadal comparisons of Particulate Matter in Repeat Transects in the Atlantic, Pacific and Indian Ocean Basins	Time-series
Gloege, Luke	Evaluating pCO_2 interpolation methods using large ensembles	General
Gómez-Consarnau, Laura	Exploring the impacts of Proteorhodopsin phototrophy in the expanding oligotrophic ocean	Evolution
Grunert, Brice	Seeing molecules from space: Tools for optically estimating CDOM composition	General
Guerra, Roberta	A 3-year time series of downward particle fluxes and carbon export in Southern Adriatic (Mediterranean Sea)	Time-series
Harrison, Cheryl	Mesoscale effects on carbon export: a global perspective	General
Holder, Chris	Random forests and a potential function for the Chesapeake Bay	General
Holland, Laura Z.	Comparison of bacteria recruited by axenic Southern Ocean diatoms under iron stress	General
Howard, Evan	Fish habitat compression by temperature-dependent hypoxia in the California Current System	Time-series
Ito, Taka	Mechanisms of low-frequency oxygen variability in the North Pacific	General
Kelly, Thomas	Spatial and interannual variability in export efficiency and the biological pump in an eastern boundary current upwelling system with substantial lateral advection	Time-series
Kim, Hyewon	Data assimilative ecosystem modeling of bacterial dynamics and upper-ocean carbon cycling in the coastal West Antarctic Peninsula	Polar
Kinkade, Danie	BCO-DMO data stewardship support thoughout the research data life cycle	General
Latto, Rebecca	Ocean Carbon States based on k-means cluster analysis	General
Letscher, Robert	Pico-phytoplankton controls on global ocean carbon export and C:N:P stoichiometry patterns	Phytoplankton/models
Li, Zuchuan	Theoretical considerations on factors confounding the interpretation of the oceanic carbon export ratio	General
Liao, Enhui	Ocean carbon sink response to ENSO and impacts on atmospheric CO_2	General

Liu, Ziao	Quantifying the role of river nutrient loading in the global coastal ocean	Phytoplankton/models
Maas, Amy	Circadian physiology in zooplankton	General
Mannino, Antonio	Arctic-COLORS (Arctic-COastal Land Ocean inteRactionS)	Polar
Mayot, Nicolas	Assessing Phytoplankton Activities in the Seasonal Ice Zone of the Greenland Sea over an Annual Cycle	Polar
McNair, Heather	Diatom populations in an upwelling environment decrease silica content to avoid growth limitation	Phytoplankton/models
Morison, Françoise	Constraining biological rates governing the North Atlantic annual cycle in phytoplankton biomass.	Microzooplankton
Mouw, Colleen	A satellite perspective of environmental controls of phytoplankton community size structure	Phytoplankton/models
Oakes, Rosie	Organic periostracum protects pteropod shells from dissolution in aragonite undersaturated waters	Polar
Oliver, Hilde	A nitrogen-silicon-iron ROMS biogeochemical model for the Labrador Sea	Phytoplankton/models
Omta, Anne Willem	Wasteful algae? Turnover of C, N, and P in the chlorophyte Selenastrum minutum	Phytoplankton/models
Pedrosa-Pàmies, Rut	Impact of Hurricane Nicole on carbon cycling in the Sargasso Sea water column: Insights from lipid biomarkers in suspended and sinking particles	Time-series
Pham, Anh	Parameterizing Multiple Ligand Classes Improves the Simulation of Dissolved Iron in the Subtropical North Atlantic	General
Proctor, Chris	The SeaBASS Archive and Validation System: Data and tools for researchers and ocean color satellite match-ups	General
Prowe, Friederike	Which future would you like? Biogeochemical model sensitivity to temperature dependent plankton processes	General
Reimers, Clare	Benthic Oxygen Respiration Rates on the Oregon Shelf in Winter and Spring	General
Richardson, Tammi	Tales of the cryptophytes: acclimation to variations in underwater spectral irradiance	Evolution
Ridge, Sean	Projected Increases in Arctic Freshwater Export Reduce the North Atlantic Anthropogenic Carbon Sink	Polar
Rivero-Calle, Sara	SOCON: SUSTAINED OCEAN COLOR OBSERVATIONS USING NANOSATELLITES	General
Rohr, Tyler	Simulated eddy induced bottom-up controls on phytoplankton growth in the Southern Ocean	Phytoplankton/models
Saito, Mak	Best Practices for Data Sharing of Ocean Metaproteomic Data Workshop Results	Phytoplankton/models
Siegel, Dave	The EXPORTS NE Pacific Field Program	General
Signori, Camila	Dark carbon fixation in the pelagic zones of the Southwestern Atlantic Ocean	General
Smith, Walker	Report of the Ross Sea Working Group Meeting	Polar
Stamieszkin, Karen	Remobilized volcanic ash may support autotrophic production in the oligotrophic subarctic Pacific Ocean	General

Stewart, Gillian	Where and when to apply the $^{210}Po/^{210}Pb$ method to calculate particle export; lessons learned from the results of 3 GEOTRACES cruises and historical measurements in the global ocean	General
Stoeven, Tim	Nutrient maxima along the East Siberian Sea	Polar
Stukel, Michael	Large Phaeodaria in the Twilight Zone: Their Roles in the Carbon and Silica Cycles	Microzooplankton
Subhas, Adam	Evidence for shallow respiration-driven carbonate dissolution in the North Pacific Ocean	General
Sun, Daoxun	A simulation of phytoplankton bloom in the Labrador Sea	General
Tang, Weiyi	Machine learning estimates of biological nitrogen fixation in the world's oceans and comparison to other models	General
Taylor, Gordon	A new method to measure inter- and intra-specific variability in primary productivity: Stable isotope probing and single-cell resonance raman microspectrometry	Phytoplankton/models
Thibodeau, Patricia	Environmental controls on pteropod phenology along the Western Antarctic Peninsula	Time-series
Tseng, Chun-Mao	Quantifying controls on sea surface pCO_2 dynamics in the East China Sea: the role of bio-uptake effect	General
Twining, Benjamin	Speciation of iron regenerated through grazing	Microzooplankton
Van Oostende, Nicolas	Phytoplankton production from community to cell-specific rates	Phytoplankton/models
Wallace, Joselynn	Following diatom response to ocean acidification in mesocosm experiments with metatranscriptome sequencing indicates contrasting CO_2 responses in *Skeletonema* and *Thalassiosira* diatoms	Evolution
Wang, Guoqing	Concentrations of multiple phytoplankton pigments in the global oceans obtained from MERIS	Phytoplankton/models
Wang, Seaver	Variability in North Atlantic marine microbial communities in relation to patterns of nutrient availability, nitrogen fixation, and net community production.	General
Werdell, Jeremy	Overview of the Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) mission	General
Xie, Yuyuan	Diel patterns of variable fluorescence and carbon fixation of picocyanobacteria *Prochlorococcus*-dominated phytoplankton in the South China Sea basin	Phytoplankton/models
Zhang, Ying	Simulating marine microbial metabolism using genome-scale models	Evolution