

<b>First Name</b>	<b>Last Name</b>	<b>Poster Title</b>	<b>Session</b>
Mar	<b>Arroyo</b>	Biogeochemical variability in the California Current System as revealed by BGC Argo Floats	Coastal Obs
Leticia	<b>Barbero</b>	Coastal Ocean Acidification in the Gulf of Mexico	Coastal Obs
Khurshud Alam	<b>Bhuiyan</b>	Impacts of Ocean Acidification and other Global Change Stressors on Marine Invertebrates	Coastal Obs
Annie	<b>Bodel</b>	The Individually Sinking Cell and its Role in the Biological Pump	BioPump
Jeff	<b>Bowman</b>	The Scripps Ecological Observatory: Understanding microbial interactions and dynamics in the coastal ocean	Coastal Obs
Ellen	<b>Briggs</b>	pH and Total Alkalinity Sensor for In Situ Monitoring of the Aqueous Carbon Dioxide System	Coastal Obs
Wei-Jun	<b>Cai</b>	Anthropogenic CO <sub>2</sub> changes and <sup>13</sup> C Suess Effect in the South Atlantic Ocean	Closing Gaps
Brendan	<b>Carter</b>	Simulated impact of ocean alkalinity enhancement on atmospheric CO <sub>2</sub> removal in the Bering Sea	Closing Gaps
Emelia	<b>Chamberlain</b>	Microbial predictors of net community production as indicated by measurements of biological oxygen production and uptake in the Central Arctic Ocean	BioPump
P. Dreux	<b>Chappell</b>	Phytoplankton Community Composition in Relation to Physico-Chemical Gradients in the Atlantic Sector of the Southern Ocean	General OCB topic
Sophie	<b>Chu</b>	ASVCO <sub>2</sub> field evaluation on the West Coast Ocean Acidification cruise	Coastal Obs, Closing Gaps
Lauren	<b>Cook</b>	Closing the fish carbon export gap: Initial laboratory-based approaches in creating a full carbon production suite for an abundant North Atlantic forage fish	Coastal Obs, BioPump
Marin	<b>Cornec</b>	Nitrate cycling underlying the Net Community Production and carbon export in the North Atlantic Subtropical Gyre : a BGC Argo float approach	BioPump
Jose	<b>Cuevas</b>	Seven Year Time-Series of Particulate Organic Carbon Flux in the Subpolar North Atlantic from Ocean Observatories Initiative Bio-Optical Data	BioPump
Louise	<b>Delaigue</b>	Variability in the biological pump in the South Atlantic Ocean	BioPump
Giacomo	<b>DiTullio</b>	Episodic and seasonal fluxes of carbon and nutrients in coastal waters of Charleston, SC	Tidal C
Sijia	<b>Dong</b>	PIC/POC and calcite/aragonite in sinking and suspended particles	BioPump, Closing Gaps

Lilian	<b>Dove</b>	Enhanced ventilation in energetic regions of the Antarctic Circumpolar Current	Closing Gaps
Colleen	<b>Durkin</b>	Marine snow and other detritus: Particle exported during the North Atlantic spring bloom	BioPump
Natalia	<b>Erazo</b>	Microbes predict anthropogenic stress in mangrove forest ecosystem	Coastal Obs
Zachary	<b>Erickson</b>	Carbon export at an eddy edge	BioPump
Margaret	<b>Estapa</b>	An updated method for optical sediment trap measurements of sinking POC flux	BioPump, Closing Gaps
Rachel	<b>Eveleth</b>	CO2 fluxes and drivers at Pioneer and Endurance Arrays	Closing Gaps
Kristen	<b>Fogaren</b>	Influence of Biological and Physical Processes on Carbon Uptake over Annual Cycles in the Irminger Sea	BioPump, Closing Gaps
Scott	<b>Gifford</b>	Quantifying marine microbial communities and their contribution to carbon cycling with metagenomics	BioPump, Closing Gaps
Dwight	<b>Gledhill</b>	NOAA OCEAN, COASTAL, AND GREAT LAKES RESEARCH PLAN 2020-2029	Coastal Obs, Closing Gaps
Suzana	<b>Gonçalves Lele</b>	Reconciling theory to predict microbial responses to warming	BioPump
Shuai	<b>Gu</b>	Sedimentary diazotroph contribution to measurable N2 fixation in Antarctic waters	BioPump, Coastal Obs
Sue	<b>Hartman</b>	Surface to deep ocean carbon at the PAP-SO	General OCB topic
Xinping	<b>Hu</b>	Subtropical estuarine carbon budget under various hydrologic extremes and implications on the lateral carbon exchange from tidal wetlands	Tidal C
Yibin	<b>Huang</b>	Remote assessment of export of distinct biogenic carbon pools in the Southern Ocean by the biogeochemical profiling array	BioPump
Jiwoon	<b>Hwang</b>	Lipidomic analysis of diel microbial community dynamics in Monterey Bay, California	Coastal Obs
Bethany	<b>Jenkins</b>	TBD on ocean exports	BioPump
Hannah	<b>Joy-Warren</b>	Modelling Southern Ocean phytoplankton taxa distributions	BioPump
Heather	<b>Kim</b>	Projected 21st-Century Changes in Marine Heterotrophic Bacteria Under Climate Change	Closing Gaps
Sasha	<b>Kramer</b>	Toward a global synthesis of phytoplankton community composition methods	General OCB topic
Kameko	<b>Landry</b>	Isotopic studies of the marine nitrogen cycle in the Cocos Ridge, Eastern Tropical Pacific	General OCB topic
Francesco	<b>Lane</b>	Deep Chlorophyll as a Tracer of Winter Carbon Export at the Hatteras Front	Coastal Obs
Sarah	<b>Lang</b>	Submesoscale variability in phytoplankton carbon and currents using airborne hyperspectral imagery, scatterometry, and in situ observations	Coastal Obs

Kaycie	<b>Lanpher</b>	Linking Microbial Community Composition with Energy and Phosphorus Cycling	Coastal Obs
Xinyu	<b>Li</b>	Ocean acidification and process driving the long-term pH changes in the U.S. East Coast	Tidal C, Closing Gaps
Enhui	<b>Liao</b>	Future weakening of the ENSO ocean carbon buffer under anthropogenic forcing	
Hyung-Gyu	<b>Lim</b>	Reconciling memory effect of climate-driven variability on total variance and predictability in global chlorophyll ocean color estimate	General OCB topic
Yi	<b>Liu</b>	Climate-driven slowing overturning circulation reduces ocean carbon storage	Closing Gaps
Amala	<b>Mahadevan</b>	Tentative: Dynamic modulation of tracer exchange in seagrass canopies	Tidal C
Shannon	<b>McClish</b>	Characterizing the impact of seasonal sea ice on phytoplankton blooms and net community production in the Southern Ocean	BioPump
Galen	<b>McKinley</b>	The Mount Pinatubo Gulp: Long-lasting impacts on ocean oxygen and carbon	Closing Gaps
Meredith	<b>Meyer</b>	New production dynamics during the North Atlantic annual spring bloom	BioPump
Leo	<b>Middleton</b>	CALYPSO: Initial insights on the role of submesoscale subduction for biogeochemical cycling in the Balearic Sea	Closing Gaps
Holly	<b>Moeller</b>	All Mixed Up: How metabolic tradeoffs and synergies shape mixotrophs' evolutionary responses to climate change	General OCB topic
Ji-Young	<b>Moon</b>	Direct Association of net community production and net air-sea CO <sub>2</sub> flux in the North Pacific Ocean	BioPump
Natalia	<b>Moore</b>	A custom in-situ sensor network to examine primary productivity dynamics in coastal ecosystems	Coastal Obs
Tor	<b>Mowatt-Larsen</b>	Cross-ecosystem comparison of diel vertical migration in larval fishes and implications for carbon export	BioPump
Linquan	<b>Mu</b>	Potential for CO <sub>2</sub> removal via enhanced weathering in the Amazon River-ocean Continuum	Tidal C
Sarah	<b>Nickford</b>	The impact of wind product selection and gas transfer velocity parameterizations on regional air-sea CO <sub>2</sub> fluxes	Closing Gaps
Margaret	<b>Ogundare</b>	Winter carbonate system properties in the South Atlantic ocean south of Africa	Closing Gaps
Hilde	<b>Oliver</b>	Lagrangian Tracing of Dissolved Iron in the Amundsen Sea	General OCB topic
Elise	<b>Olson</b>	Ocean acidification and multiple stressor extremes in GFDL's ESM4.1 CMIP6 model simulations	Extreme events

Emily	<b>Osborne</b>	Using an interdisciplinary multi-platform approach to examine the biological carbon pump in the Gulf of Mexico	BioPump
Yanda	<b>Ou</b>	Prediction of Hypoxic area in the Louisiana-Texas Shelf Using Numerical and Statistical Models	Extreme events, Coastal Obs
Tammi	<b>Richardson</b>	Light, Photosynthesis, and Cryptophyte Microalgae	General OCB topic
Elisa	<b>Romanelli</b>	Sinking and suspended particle characteristics and fluxes during the demise of the North Atlantic spring bloom	BioPump
Alizée	<b>Roobaert</b>	Mechanisms controlling coastal sea surface pCO <sub>2</sub> seasonality	Closing Gaps
Joellen	<b>Russell</b>	The Effect of Increased Winds on Southern Ocean Carbon Fluxes	Closing Gaps
Paridhi	<b>Rustogi</b>	Influence of wave-breaking mechanisms on anthropogenic carbon accumulation in the ocean interior	Closing Gaps
Cristina	<b>Schultz</b>	Origins and mechanisms of oxygen variability in the California Current System	Coastal Obs
Jonathan	<b>Sharp</b>	A Seasonally Resolved Global Gridded Dissolved Oxygen Product from Autonomous and Shipboard Observations	General OCB topic
Md. Shahin Hossain	<b>Shuva</b>	Spatial and Temporal Distribution of Chlorophyll-a in Relation to Environmental Factors in the Bay of Bengal: A Remote Sensing Approach	Coastal Obs
John	<b>Supino</b>	Constraining salt marsh carbon and nutrient cycling using autonomous biogeochemical measurements at the Seven Mile Island Innovation Laboratory (SMIL)	Tidal C, Closing Gaps
Gordon	<b>Taylor</b>	Follow the Carbon: From Environment to Microbial Prey to Predator and from Host to Virus using SIP-Raman Microspectroscopy	General OCB topic
Patricia	<b>Thibodeau</b>	Using one of the world's longest plankton time series to identify long-term changes in phytoplankton biomass and phenology	Coastal Obs
Maya	<b>Thomas</b>	Interspecies and interannual variability in fecal pellet production in the Western Antarctic Peninsula	BioPump
Maria	<b>Tzortziou</b>	Dissolved Organic Carbon dynamics in the Arctic Rivers and Coastal Waters	Coastal Obs
Bob	<b>Vaillancourt</b>	Seasonal changes in water transparency and euphotic zone depth at a complex coastal-oceanic boundary	Coastal Obs
Stevie	<b>Walker</b>	Ocean carbon export flux projections in CMIP6 Earth System Models across multiple export depth horizons	BioPump
Ian	<b>Walsh</b>	Scaling Ocean Carbon Sequestration and Verification	BioPump, Closing Gaps

Stephanie	<b>Wilson</b>	From the subsurface to the sky: groundwater nutrient export to a temperate estuary	Coastal Obs
Nicola	<b>Wiseman</b>	Phytoplankton variable elemental stoichiometry modifies marine carbon fluxes	BioPump
Abigale	<b>Wyatt</b>	Ecosystem Impacts of Marine Heatwaves in the Northeast Pacific	Extreme events
Yang	<b>Xiang</b>	Estimating the elemental N/P ratios of exported organic matter in the surface ocean using a nutrient budget method	BioPump, Closing Gaps
Hang	<b>Yi</b>	River discharge relates sulfate enrichment in estuaries in northwestern Gulf of Mexico	Coastal Obs
Meg	<b>Yoder</b>	Constraining the mixed layer carbon budget in the Irminger Sea using autonomous mooring observations	BioPump, Closing Gaps
Ying	<b>Zhang</b>	Seasonal and algal bloom-related microbial dynamics revealed by year-round monitoring of a temperate estuary	Coastal Obs
Le	<b>Zhang</b>	A Reassessment of the Gulf of Mexico (GoM) Carbon System: Connecting the GoM with the Mississippi River and the Global Ocean	BioPump, Coastal Obs
Xiaochen	<b>Zhao</b>	Tropical Cyclones Cumulatively Control Regional Carbon Fluxes in Everglades Mangrove Wetlands (Florida, USA)	Tidal C