4D-BGC-Relevant Posters/Presentations at Ocean Sciences 2026

Sessions:

CC44C: Marine Environment Reanalyses and Four-Dimensional Data-Driven Models: Progress and Applications I Poster

Presentations:

A Coordinated Intercomparison of Observation-based Mapping Methods to Quantify Ocean Deoxygenation (**CC13C**) - *J. Sharp et al.*

Jingwei: AI Foundation Model Reconstructs Global Ocean Element Cycles Under Climate Change (**DO44C**) - *B. Lu et al.*

An intercomparison of the global ocean gridded dissolved oxygen data products for climatology and annual cycle (**DO11A**) - *J. Du et al.*

Interannual variability in high-latitude oxygen ventilation (**OB44L**) - *J. Koelling et al.*

Unraveling Oxygen Minimum Zone Dynamics: Constraining Model Simulations with Observational Data Products for Improved Carbon Export Insights (**OB24B**) - *L. Moseley et al.*

Investigating Overlapping Biogeochemical Impacts of Ocean Interior Regenerated and Anthropogenic Carbon Change Using Observation-based Data Products (**CC53A**) - *S. Walker et al.*

Amplified Subsurface pCO2 Signals and their Seasonal Re-emergence in Observations and Ocean Biogeochemical Models (**CC11B**) - *M. Arroyo et al.*

From sparse observations to high-resolution maps: A new data-driven approach to investigate the mismatch between observed and modelled ocean deoxygenation trends (**OB14A**) - *A. Olivelli et al.*

Estimating Ocean Heat and Carbon Uptake and Transport from Novel Earth Observation-informed Machine Learning-based Data Products (**CC34C**) - *D.J. Burt et al.*