

Organization	Class	Subclass	Discipline	Variable			Organization	Class	Discipline	Variable
GOOS, GCOS	Essential Ocean Variable	Ocean	Physics	Sea State			IOOS	IOOS Core Variables	Physics	Bathymetry
				Ocean Surface Stress						Bottom Character
				Sea Ice						Currents
				Sea Surface Height						Heat Flux
				Sea Surface Temperature						Ice Distribution
				Subsurface Temperature						Salinity
				Surface Currents						Sea Level
				Subsurface Currents						Surface News
				Sea Surface Salinity						Stream Flow
				Subsurface Salinity						Temperature
				Ocean Surface Heat Flux						Wind Speed and Direction
			Biogeochemistry	Oxygen					Biogeochemistry	Acidity
				Nutrients						Colored Dissolved Organic Matter
				Inorganic Carbon						Contaminants
				Transient Tracers						Dissolved Nutrients
				Particulate Matter						Dissolved Oxygen
				Nitrous Oxide						Ocean Color
				Stable Carbon Isotopes						Optical Priorities
				Dissolved Organic Carbon						Pathogens
			Biology and Ecosystems	Phytoplankton Biomass and Diversity					Biology and Ecosystems	Partial Pressure of CO2
				Zooplankton Biomass and Diversity						Total Suspended Matter
				Fish Abundance and Distribution						Biological Vital Rates
				Marine Turtles, Birds, Mammals Abundance and Distribution						Coral Species and Abundance
				Hard Coral Cover and Composition						Fish Species and Abundance
				Seagrass Cover and Composition						Invertebrate Species and Abundance
				Macroalgal Canopy Cover and Composition						Marine Mammal Species and Abundance
				Mangrove Cover and Composition						Microbial Species, Abundance, and Activity
				Microbe Biomass and Diversity (*emerging)						Nekton Diet
				Invertebrate Abundance and Distribution (*emerging)						Phytoplankton Species and Abundance



