Dataset Attributes and their Descriptions

Attribute	Description
Bloom_Index	Quantifies algal bloom intensity (negative = subnormal, positive = bloom)
Rolling_Chlorophyll_Anomaly	30-day chlorophyll deviation from historical baseline
Rolling_SST_Anomaly	30-day sea surface temperature deviation from climatological mean
Surface_Chlorophyll	Near-real-time chlorophyll-a concentration (mg/m³)
Sea_Surface_Temperature	Instantaneous water surface temperature (°C)
Dissolved_Oxygen	Oxygen availability for marine life (mg/L)
pH	Acidity/alkalinity of seawater
Total_Nitrogen	Combined inorganic/organic nitrogen (mg/L)
Total_Phosphorus	Bioavailable phosphorus concentration (mg/L)