

List of Abbreviations

CO ₂	Carbon dioxide
K/Pg	Cretaceous-Paleogene
PETM	Paleocene Eocene Thermal Maximum
GoK	Gulf of Kachchh
m	Meters
km	Kilo meters
Sq. Km.	Square kilometer
SPOT	Satellite Pour l'Observation de la Terre
OC	Ocean Color
OCRS	Ocean Color Remote Sensing
SST	Sea Surface Temperature
NOAA	National Oceanic and Atmospheric Administration's
AVHRR	Advanced Very High Resolution Radiometers
CRW	Coral Reef Watch programme
DSS	Decision Support System
MMM	Maximum monthly mean
DHW	Degree Heating Weeks
MODIS	Moderate Resolution Imaging Spectroradiometer
SSS	Sea Surface Salinity
PSU	Practical Salinity Units
PPT	Parts Per Thousand
SMOS	Soil Moisture and Ocean Salinity
SMAP	Soil Moisture Active-Passive
CDOM	Colored Dissolved Organic Matter
OLI	Operational Land Imager
TM	Thematic Mapper
MODIS	Moderate Resolution Imaging Spectroradiometer
Z%	Photic depth

Z _{SD}	Secchi depth
K _d	Attenuation coefficient
nm	nanometer
MSI	Multi Spectral Instrument
PAR	Photosynthetically active radiation
NDVI	Normalized Difference Vegetative Index
IDW	Inverse Distance Weighted
SSTs	Sea Surface Temperatures
CW	CoralWatch
CWHS	CoralWatch Health Score
DO	Dissolved Oxygen
NTU	Nephelometric Turbidity unit
BT	Bleaching Threshold
PA	Positive Anomaly
DHW	Degree Heating Weeks
MNP-S	National Marine Park and Sanctuary
GIS	Geographic information systems
PAR	Photosynthetically active radiation