

Appendix E: Acronyms and Abbreviations

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3D	Three Dimensional
4D	Four Dimensional
AIMS	Australian Institute of Marine Sciences
ALOS	Advanced Land Observing Satellite
ANDS	Australian National Data Service
ARC	Australian Research Council
ASCII	American Standard Code for Information Interchange
ATBA	Area To Be Avoided
BoM	Australian Bureau of Meteorology
C-MAN	Coastal-Marine Automated Network
CDAT	Coast Watch Data Analysis Tool
CDOM	Colored Dissolved Organic Matter
CHL	Chlorophyll
CMS	UQ Centre for Marine Studies
CNMI	Commonwealth of the Northern Mariana Islands
COTS	Crown of Thorns Starfish
CRCP	Coral Reef Conservation Program
CREIOS	NOAA's Coral Reef Ecosystem Integrated Observing System
CRESIS	Coral REef Semantic Informatics System
CRESIS	Coral REef Semantic Informatics System
CREWS	Coral Reef Early Warning System
CRTR	World Bank Coral Reef Targeted Research
CRW	Coral Reef Watch
CSIRO	Australian Commonwealth Scientific and Industrial Research Organisation
DEP	Florida Department of Environmental Protection
DHD	Degree Heating Days
DHW	Degree Heating Week
DIN	Dissolved Inorganic Nitrogen
DOI	U.S. Department of the Interior
EEE	Excessive Excitation Energy
ENSO	El Niño - Southern Oscillation
EPA	U.S. Environmental Protection Agency
ESA	European Space Agency
FKNMS	Florida Keys National Marine Sanctuary
FRRP	Florida Reef Resilience Program
GBR	Great Barrier Reef
GBRMPA	Australian Great Barrier Reef Marine Park Authority

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GBRWA	Great Barrier Reef World Heritage Area
GCM	General Circulation Model
GEF	Global Environmental Facility
GeoTIFF	Georeferenced Tagged Image File Format
GIS	Geographic Information Systems
GPS	Global Positioning Systems
HAB	Harmful Algal Bloom
HDF	Hierarchical Data Format
HYCOM	HYbrid Coordinate Ocean Model
ICLARM	International Center for Living Aquatic Resources Management
ICON	NOAA's Integrated Coral Observing Network
ICRI	International Coral Reef Initiative
IGOS	International Global Observation Strategy
IMOS	Integrated Marine Observing System
IOP	Inherent Optical Properties
IT	Information Technology
ITEE	UQ School of Information Technology & Electrical Engineering
IUCN	International Union for Conservation of Nature
KADO	Keys Association of Dive Operators
Kd	Vertical Attenuation of Downwelling Irradiance
KML	Keyhole Markup Language
LIDAR	Light Detection and Ranging
LSD	Light Stress Damage
MEERA	Marine Ecosystem Event Response and Assessment
MERIS-FR	Medium Spectral Resolution Imaging Spectrometer - Full Resolution
MML	Mote Marine Laboratory
MODIS	Moderate Resolution Imaging Spectroradiometer
MPA	Marine Protected Area
MTSAT	Multifunctional Transport Satellite
NASA	U.S. National Aeronautics and Space Administration
NESDIS	National Environmental Satellite, Data, and Information Service
NMS	National Marine Sanctuary
NOAA	United States National Oceanic and Atmospheric Administration
NSTA	National Science Teachers Association
NWHI	Northwestern Hawai'ian Islands
PAN	Protected Areas Network
PAR	Photosynthetically Active Radiation
PDO	Pacific Decadal Oscillation
PMNM	Papahānaumokuākea Marine National Monument

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POAMA	Predictive Ocean Atmosphere Model for Australia
POES	Polar Operational Environmental Satellite
RDBMS	Relational Database Management System
RDF	Resource Description Framework
RRCC	Reef Resilience and Climate Change
RTM	Radiative Transfer Models
SAR	Synthetic Aperture Radar
SeaDAS	SeaWiFS Data Analysis System
SeaWiFS	Sea-viewing Wide Field-of-view Sensor
SEM-Pasifika	Socioeconomic Monitoring Guidelines for Coastal Managers in Pacific Island Countries
SMOS	ESA Soil Moisture and Ocean Salinity
SocMon	Socioeconomic-Monitoring
SPOT	Satellite Pour l'Observation de la Terre
SST	Sea Surface Temperature
TNC	The Nature Conservancy
TSM	Total Suspended Matter
TSS	Total Suspended Solids
UAV	Unmanned Aerial Vehicles
UNDP	United Nations Development Programme
UQ	University of Queensland, Australia
USCRTF	United States Coral Reef Task Force
USVI	U.S. Virgin Islands
UV	Ultraviolet
UV-A	Long Wave Ultraviolet
UV-B	Medium Wave Ultraviolet
WB/GEF-CRTR	World Bank / Global Environment Facility Coral Reef Targeted Research & Capacity Building for Management Program
WWF	World Wildlife Fund