

## Abbreviations and acronyms

ALOS	Advanced Land Observing Satellite (from JAXA)
AOI	area of interest
ASAR	Advanced Synthetic Aperture Radar (from ESA)
ASFA	Aquatic Sciences and Fisheries Abstracts (FAO)
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
AUV	autonomous underwater vehicles
AVHRR	Advanced Very High Resolution Radiometer (from NOAA)
AVISO	Archiving, Validation and Interpretation of Satellite Oceanographic Data
AWRD	African Water Resource Database
CAD	computer-aided design
CASI	Compact Airborne Spectrographic Imager
CEFAS	Centre for Environment, Fisheries and Aquaculture Science
CHARM	Channel Habitat Atlas for Resource Management
CNES	Centre national d'études spatiales (French space agency)
COAs	conservation opportunity areas
COML	Census of Marine Life
CPU	central processing unit
CRFM	Caribbean Regional Fisheries Mechanism
CSIRO	Commonwealth Scientific and Industrial Research Organisation
CZCS	Coastal Zone Color Scanner
DBM	database management
DEM	digital elevation model
DMBS	database management systems
DMC	Disaster Monitoring Constellation
DO	dissolved oxygen
DSL	digital subscriber line
DTL	digital terrain model
EAA	ecosystems approach to aquaculture
EAF	ecosystems approach to fisheries
EEZ	exclusive economic zone
EIA	environmental impact assessment
EMR	electromagnetic radiation
EOS	Earth Observing System (from NASA)
ERS	Earth Resources Satellite (from ESA)
ESA	European Space Agency
ESL	Environmental Simulation Laboratory
ESRI	Environmental Systems Research Institute
FAN	FAO Aquaculture Newsletter
FAO	Food and Agriculture Organization of the United Nations
FIRA	FAO Fisheries and Aquaculture Department Aquaculture Branch
FOSS	free or open source software
FTP	file transfer protocol
GAP	good aquaculture practices or Gap Analysis Program
GHRSSST	Group for High Resolution SST
GIS	geographic information system
GISFish	Global gateway to geographic information systems, remote sensing and mapping for fisheries and aquaculture
GOES	Geostationary Orbiting Earth Satellites
GPS	global positioning systems
GUI	graphical user interface
HAB	harmful algal bloom
HF	high frequency radar
HSI	habitat suitability index
ICES	International Council for the Exploration of the Sea

IFREMER	Institut Francais de Recherche pour l'Exploitation de la Mer
IMTA	integrated multitrophic aquaculture
IOCCG	International Ocean-Colour Coordinating Group
IRS	Indian Remote Sensing
ISO	International Organization for Standardization
ISP	Internet service providers
IT	information technology
IUU	illegal, unreported and unregulated
JAXA	Japan Aerospace Exploration Agency
LAN	local area network
LANDSAT	Land Remote-Sensing Satellite
LDCM	Landsat Data Continuity Mission
LEACAT	Lynx Exploration Archivist Cataloguing and Archiving
LiDAR	light detection and ranging
MCE	multi-criteria evaluation
MERIS	Medium Resolution Imaging Spectrometer
MESH	Mapping European Seabed Habitats
MGET	marine geospatial ecology tools
MIRAS	Microwave Imaging Radiometer with Aperture Synthesis
MODIS	Moderate Resolution Imaging Spectroradiometer
MPA	marine protected area
MSI	Multispectral Imager
MSP	marine spatial plan
NACA	Network of Aquaculture Centres in Asia-Pacific
NASA	National Aeronautics and Space Administration
NASO	National Aquaculture Sector Overview
NEST	Next ESA SAR Toolbox
NOAA	National Oceanic and Atmospheric Administration
OCM	Ocean Colour Monitor
OSGeo	Open Source Geospatial Foundation
OSTM	Ocean Surface Topography Mission
PALSAR	Phased Array L-band Synthetic Aperture Radar
PAN	personal area network
PDA	personal digital assistant
PSU	practical salinity units
RFMO	Regional Fisheries Management Organization
ROV	remotely operated vehicle
SAR	synthetic aperture radar
SeaWiFS	Sea-viewing Wide Field-of-view Sensor
SMOS	Soil Moisture and Ocean Salinity
SPEAR	Sustainable options for People, catchment and Aquatic Resources
SPOT	Systeme Pour l'Observation de la Terre
SQL	standardized query language
SST	sea surface temperature
SWH	significant wave height
TIN	triangulated irregular network
TIROS	Television Infrared Observation Satellites
TOREDAS	Traceable and Operational Resource and Environment Data Acquisition System
TSM	total suspended matter
UNEP	United Nations Environment Programme
UNESCO	United Nations Educational, Scientific and Cultural Organization
UPS	uninterruptable power supply
USB	universal serial bus
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
UVS	underwater visual census
VMS	vessel monitoring systems
WAN	wide area network
WCMC	World Conservation Monitoring Centre
WGS84	World Geodetic System 1984