

Annex I: Acronyms, Abbreviations, Chemical symbols, and Scientific Units

Acronyms

3D	Three-Dimensional	EDCs	Endocrine-Disrupting Chemicals
ADHD	Attention Deficit Hyperactivity Disorder	EEA	European Environment Agency
AMD	Acid Mine Drainage	EGCSs	Exhaust Gas Cleaning Systems
AQG	Air Quality Guideline	EGMS	European Ground Motion Service
AR5	5th Assessment Report (of the IPCC)	EIB	European Investment Bank
AR6	6th Assessment Report (of the IPCC)	EIU	Economic Intelligence Unit
ARLEM	Euro-Mediterranean Regional and Local Assembly (French: Assemblée Régionale et Locale Euro-Méditerranéenne)	EMB	European Marine Board
BAC	Background Assessment Concentration	EMSA	European Maritime Safety Agency
BaP	Benzo [a]pyrene	EMN	European Migration Network
BCC	Beach Carrying Capacity	EMS	Environmental Management Systems
BCE	Before the Common Era	EPs	Emerging Pollutants
CCP	Cross-Chapter Paper	ES	Ecosystem Services
CE	Common Era	ESG	Environmental, Social and Governance
CEB	Council of Europe Development Bank	et al.	et alii, or 'and others'
CEDARE	Center for Environment and Development for the Arab Region and Europe	ETS	Emissions Trading System
CENALT	National Tsunami Warning Center (French: CENtre d'Alerte aux Tsunamis)	EU	European Union
CIESM	Mediterranean Science Commission (French: Commission Internationale pour l'Exploration Scientifique de la Méditerranée)	EU COST	European Cooperation in Science and Technology Action
CLIA	Cruise Lines International Association	ESCWA	United Nations Economic and Social Commission for West Asia
CMIP	Coupled Model Intercomparison Project	EUMS	European Union Member States
COP	Conference of the Parties	EWEA	European Wind Energy Association
COPD	Chronic Obstructive Pulmonary Disease	EWS	Early Warning Systems
CRD	Climate Resilient Development	FAO	Food and Agriculture Organization
CWs	Constructed Wetlands	FOD	First Order Draft
DAS	Distributed Acoustic Sensing	GAM	Generalized Additive Model
DDT	Dichlorodiphenyltrichloroethane	GDP	Gross Domestic Product
DEMs	Digital Elevation Models	GES	Good Environmental Status
DRR	Disaster Risk Reduction	GHG	Greenhouse gas(es)
e.g.	exempli gratia or 'for example'	GIA	Glacial Isostatic Adjustment
EAC	Environmental Assessment Criteria	GII	Gender Inequality Index
EC	European Commission	GITEC	Genesis and Impact of Tsunamis on the European Coasts
ECA	Emission Control Area	GNI	Gross National Income
		GNP	Gross National Product
		GNSS	Global Navigation Satellite Systems
		GPS	Global Positioning System
		HABs	Harmful Algal Blooms
		HW	Heat Waves
		i.e.	id est, or 'that is' and means 'in other words'
		ICG/NEAMTWS	Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the north-eastern Atlantic, the Mediterranean and Connected Seas
		ICZM	Integrated Coastal Zone Management

IMAP	Integrated Monitoring and Assessment Programme of the Mediterranean Sea and Coast	MedECC	Mediterranean Experts on Climate and environmental Change
INGV	National Institute of Geophysics and Volcanology (Italian: Istituto nazionale di geofisica e vulcanologia)	MedPAN	Network of Marine Protected Areas managers in the Mediterranean
InSAR	Interferometric Synthetic Aperture Radar	MENA	Middle East and North Africa
IOC-UNESCO	Intergovernmental Oceanographic Commission of UNESCO	MMS	Moment Magnitude Scale (denoted explicitly with Mw or Mwg, and generally implied with use of a single M for magnitude)
IOM	International Organization for Migration	MOSE	Experimental Electromechanical Module (Italian: Modulo Sperimentale Elettromeccanico)
IP	Implementation Plan	MPA	Marine Protected Areas
IPBES	Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services	MSFD	Marine Strategy Framework Directive
IPCC	Intergovernmental Panel on Climate Change	MSSD	Mediterranean Strategy for Sustainable Development
IPMA	Portuguese Institute for Sea and Atmosphere (Portuguese: Instituto Português do Mar e da Atmosfera) (Portugal)	MHW	Marine Heat Wave
IQ	Intelligence Quotient	MSW	Municipal Solid Waste
IRENA	International Renewable Energy Agency	MWO	Mediterranean Wetlands Observatory
ISDR	International Strategy for Disaster Risk Reduction	NEAMTWS	North-Eastern Atlantic, Mediterranean, and Connected Seas Tsunami Warning Systems (France)
ISP	Idiopathic Spontaneous Pneumothorax	NGO	Non-Governmental Organisation
IUCN	International Union for Conservation of Nature	NMCs	Northern Mediterranean Countries
JJA	June July August	NOA	National Observatory of Athens (Greece)
JPOI	Johannesburg Plan of Implementation	NRDC	Natural Resources Defense Council
KOERI	Kandilli Observatory and Earthquake Research Institute (Türkiye)	NTWS	National Tsunami Warning Systems
LiDAR	Light Detection and Ranging	OCDE	Organisation for Economic Co-operation and Development
LECZ	Low Elevation Coastal Zone	OCP	Ocean & Climate Platform
LULUCF	Land Use, Land-Use Change and Forestry	OCPs	Organochlorine Pesticides
MAR1	First Mediterranean Assessment Report (of the MedECC)	OECS	Other Effective Conservation Measures
MMEs	Mass Mortality Events	OMEC	Organisation Méditerranéenne de l'Energie et du Climat (France) (formerly OME, Observatoire Méditerranéen de l'Energie)
MAP	Mediterranean Action Plan	OMW	Olive Mill Waste
MATTM	Ministero dell'Ambiente e della Tutela del Territorio e del Mare - former name (2006 – 2021) of the Italian Ministry of the Environment (Italy)	OPFRs	Organophosphate Flame Retardants
MDGs	Millennium Development Goals	PAHs	Polycyclic Aromatic Hydrocarbons
MED POL	Programme for the Assessment and Control of Marine Pollution in the Mediterranean	PAP/RAC	Priority Actions Programme / Regional Activity Center
MCSD	Mediterranean Commission on Sustainable Development	PCBs	Polychlorinated Biphenyls
		PCDD	Polychlorinated Dibenzodioxins
		PCDF	Polychlorinated Dibenzofuran
		PFASs	Perfluoroalkyl Substances
		PFOS	Perfluorooctane sulfonates
		PFCs	Perfluorinated Compounds
		PM	Particulate Matter
		POCs	Persistent Organic Chemicals
		POPs	Persistent Organic Pollutants

PPCPs	Pharmaceutical and Personal Care Products	TSP	Tsunami Service Providers
psu	practical salinity unit	TN	Tropical Night
PV	Photovoltaic	UfM	Union for the Mediterranean
RAC	Regional Activity Centers	UHI	Urban Heat Island
RCP	Representative Concentration Pathways	UN	United Nations
REMPEC	Regional Marine Pollution Emergency Response Centre for the Mediterranean Sea (Malta)	UNDP	UN Development Programme
RH	Relative Humidity	UNDRR	UN Office for Disaster Risk Reduction
RSLR	Relative Sea Level Rise	UNEP	UN Environment Programme
SBE	Sustainable Blue Economy	UNESCO	UN Educational, Scientific and Cultural Organisation
SDGs	Sustainable Development Goals	UNEP/MAP	UN Environment Programme / Mediterranean Action Plan
SEMC	Sectorial Emissions Reduction Strategies	UNFCCC	UN Framework Convention on Climate Change
SEMCs	Southern and Eastern Mediterranean Countries	UNTWO	UN World Tourism Organization
SGD	Submarine Groundwater Discharge	USD	United States dollar
SIDA	Swedish International Development Cooperation Agency	USGS	United States Geological Survey
SLR	Sea Level Rise	UV	Ultraviolet
SPAMI	Specially Protected Areas of Mediterranean Importance	UfM	Union for the Mediterranean
SPI	Science Policy Interface	UfM CCEG	UfM Climate Change Expert Group
SPM	Summary for Policymakers	UfM WG ENV-CC	UfM Working Group on Environment and Climate Change
SRIA	Strategic Research and Innovation Agenda	VOCs	Volatile Organic Compounds
SSE	Short-Side Electricity	WCRP	World Climate Research Programme
SSP	Shared Socioeconomic Pathway	WGI	Working Group I of the IPCC
SoED	State of the Environment and Development in the Mediterranean	WGII	Working Group II of the IPCC
T&E	Transport and Environment	WGIII	Working Group III of the IPCC
TCEs	Technology-Critical Elements	WHO	World Health Organization
		WHS	World Heritage Sites
		WMO	World Meteorological Organization
		ZOD	Zero Order Draft

Chemical Symbols

As	Arsenic	Mg	Magnesium
C	Carbon	MeHg	Methylated Mercury
Cd	Cadmium	NaCl	Sodium Chloride
CH₄	Methane	N	Nitrogen
CO₂	Carbon dioxide	N₂	Nitrogen gas
CO₂eq	Carbon dioxide equivalent	N₂O	Nitrous oxide
Cu	Copper	Na	Sodium
Cr	Chromium	NaCl	Sodium Chloride
Fe	Iron	Ni	Nickel
Ga	Gallium	NO₂	Nitrogen dioxide
Ge	Germanium	NO₃⁻	Nitrate ion
H₂	Hydrogen gas	NO_x	Nitrogen oxides (NO _x refers to air pollutants from combustion processes)
H₂O	Water	O₃	Ozone
H₂O₂	Hydrogen Peroxide	P	Phosphorus
H₂S	Hydrogen sulphide	Pb	Lead
Hg	Mercury	PFC	Perfluorocarbon
K	Potassium		
La	Lanthanum		

Pt	Platinum	Te	Tellurium
SF₆	Sulfur hexafluoride	Zn	Zinc
Si	Silicon	ZnO	Zinc oxide
SO₂	Sulfur dioxide		
SO_x	Sulfur oxides		

Scientific Units

SI (Système International) units⁸⁷

<i>Physical quantity</i>	<i>Name of unit</i>	<i>Symbol</i>
Amount of substance	mole	mol
Energy	joule	J
Length	metre	m
Mass	kilogram	kg
Time	second	s
Thermodynamic temperature	kelvin	K

SI-derived units with special names

<i>Physical quantity</i>	<i>Unit</i>	<i>Symbol</i>	<i>Definition</i>
Energy	joule	J	kg m ² s ⁻²
Force	newton	N	kg m s ⁻²
Power	watt	W	kg m ² s ⁻³ (= J s ⁻¹)
Pressure	pascal	Pa	kg m ⁻¹ s ⁻² (= N m ⁻²)

SI Prefixes (Fraction and Multiples)

<i>Fraction</i>	<i>Prefix</i>	<i>Symbol</i>	<i>Multiple</i>	<i>Prefix</i>	<i>Symbol</i>
10 ⁻¹	deci	d	10	deca	da
10 ⁻²	centi	c	10 ²	hecto	h
10 ⁻³	milli	m	10 ³	kilo	k
10 ⁻⁶	micro	μ	10 ⁶	mega	M
10 ⁻⁹	nano	n	10 ⁹	giga	G
10 ⁻¹²	pico	p	10 ¹²	tera	T
10 ⁻¹⁵	femto	f	10 ¹⁵	peta	P
10 ⁻¹⁸	atto	a	10 ¹⁸	exa	E

Non-SI units, quantities and related abbreviations

<i>Type</i>	<i>Unit</i>	<i>Symbol</i>
Acidity (hydrogen ion activity)	pH (dimensionless)	pH
Area	hectare	ha (1 ha = 10,000 m ²)
CO ₂ Emissions	metric tonne CO ₂	tCO ₂
CO ₂ -equivalent Emissions	metric tonne CO ₂ -eq	tCO ₂ eq
Concentration	parts per million (dimensionless)	ppm (=10 ⁻⁶)
Concentration	parts per billion (dimensionless)	ppb (= 10 ⁻⁹)
Currency	euro, dollar, US dollar	€, \$, USD
Electricity/Heat generation	watt hour ⁸⁸	Wh (1 Wh = 3600 J)
Percent	percent (dimensionless, 1/100)	%
Temperature	degree Celsius ⁸⁷	°C (t/°C = T/K – 273.15)
Time	year	yr

⁸⁷ Official SI Brochure for authoritative definitions: <https://www.bipm.org/en/publications/si-brochure/>

⁸⁸ Accepted for use with the SI