



GROWTH AND INNOVATION IN OCEAN ECONOMY – GAPS AND PRIORITIES IN SEA BASIN OBSERVATION AND DATA

Annex 3

List of the upstream data sources and characteristics needed by the seven challenges of the MEDSEA Checkpoint project using the SeaDataNet Common Vocabularies

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Executive Summary

This annex gives the list of the upstream data sources identified by mid june 2014 by the seven challenges of the MEDSEA Checkpoint project organized by environmental matrix, by group of SeaDataNet categories of characteristics (P03 list), by categories of characteristics (P02 list) and by characteristic (with the corresponding SDN P01 code and definition when available).

For additional information about the SeaDataNet Common Vocabularies and the lists (P03,P02,P01) in use in this deliverable, please refer to :

<http://www.seadatanet.org/Standards-Software/Common-Vocabularies>

Data source names correspond to the usual practice encountered among users and correspond to either the data provider, the name of a program or the name of the portal giving access to data.

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Challenge	Matrix	SDN P03 group	SDN P02 category of characteristic	Characteristic (SDN P01 codes and definitions in italic)	Data source name	Web site	Dataset name	Line	
CH1	Air	M010	Meteorology	CAPH Air pressure	<i>CAPHZZ01</i> <i>Pressure (measured variable) exerted by the atmosphere</i>	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	1
CH1	Air	M010	Meteorology	CDTA Air temperature and density	Air density	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	2
CH1	Air	M010	Meteorology	CDTA Air temperature and density	<i>CTMPZZ01</i> <i>Temperature of the atmosphere</i>	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	3
CH1	Air	M010	Meteorology	CHUM Atmospheric humidity	<i>CHUMSS01</i> <i>Specific humidity of the atmosphere</i>	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	4
CH1	Air	M010	Meteorology	EWSB Wind speed and direction	<i>ESEWZZX</i> <i>Eastward wind velocity in the atmosphere (Zonal wind component)</i>	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	5
CH1	Air	M010	Meteorology	EWSB Wind speed and direction	<i>ESNSZZXX</i> <i>Northward wind velocity in the atmosphere (Meridional wind component)</i>	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	6
CH1	Biology/biota	B070	Biota abundance, biomass and diversity	FABD Fauna abundance per unit area of the bed	Marine Mammals : migratory routes	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	7
CH1	Biology/biota	B070	Biota abundance, biomass and diversity	FABD Fauna abundance per unit area of the bed	Marine Mammals : size	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	8
CH1	Biology/biota	B070	Biota abundance, biomass and diversity	FABD Fauna abundance per unit area of the bed	Marine Mammals : species	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	9
CH1	Biology/biota	B015	Birds, mammals and reptiles	GP088 Bird behaviour	Birds : migratory patterns	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	10
CH1	Biology/biota	B015	Birds, mammals and reptiles	BRDA Bird counts	Birds : abundance	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	11
CH1	Biology/biota	B015	Birds, mammals and reptiles	BRDA Bird counts	Birds : species	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	12
CH1	Biology/biota	B015	Birds, mammals and reptiles	GP04 Bird reproduction	Birds : reproduction area	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	13
CH1	Biology/biota	B020	Fish	FABD Fauna abundance per unit area of the bed	Fishes : species	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	14
CH1	Biology/biota	B020	Fish	FAXT Fish abundance in water bodies	Fishes : abundance	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	15
CH1	Biology/biota	B020	Fish	FREP Fish reproduction	Fishes : reproduction area	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	16
CH1	Human activities	H001	Anthropogenic contamination	LITT Litter abundance and type	UXO : UneXploded Ordnance	Unknown	Unknown	Unknown	17
CH1	Human activities	H002	Construction and structures	HZNV Hazards to navigation	Underwater objects : presence of cables ...	data.shom.fr	http://data.shom.fr/	Submarine cables and pipelines	18
CH1	Human activities	H002	Construction and structures	HZNV Hazards to navigation	Underwater objects : presence of wrecks, ...	data.shom.fr	http://data.shom.fr/	Wrecks	19
CH1	Human activities	H002	Construction and structures	MMST Man-made structures	Landscape : wind turbine visibility from shore	Unknown	Unknown	Unknown	20
CH1	Human activities	H004	Fisheries	GP087 Fishery characterisation	Fishing : fishing area	SIH (French Fisheries Information System)	http://sih.ifremer.fr/		21
CH1	Human activities	H004	Fisheries	GP087 Fishery characterisation	Fishing : fishing boat traffic (tracking data)	SIH (French Fisheries Information System)	http://sih.ifremer.fr/		22
CH1	Human activities	H004	Fisheries	GP087 Fishery characterisation	Fishing : fishing boat traffic (tracking data)	AIS (Automatic Identification System (AIS))	http://sih.ifremer.fr/		23
CH1	Human activities	H004	Fisheries	GP087 Fishery characterisation	Mariculture area	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/		24
CH1	Human activities	H005	Human activity	ADUN Administrative units	Military activities: exercise area	Unknown	Unknown	Unknown	25
CH1	Human activities	H005	Human activity	ADUN Administrative units	Reglementary : protected area (nearshore domain)	Inventaire National du Patrimoine Naturel MNHN	http://inpn.mnhn.fr/telechargement/cartes-et-information-geographique	Marine Protected Areas, Natura 2000...	26
CH1	Human activities	H005	Human activity	IACT Industrial activity	Extraction area	Aires Marines Protegees Data	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/	Unknown	27
CH1	Human activities	H005	Human activity	IACT Industrial activity	Extraction area	Inter-regional direction of Mediterranean Sea (DIRM) data ?	?	Unknown	28
CH1	Human activities	H005	Human activity	MARC Marine archaeology	Reglementary : historic/archeology site (WorldWar II)	MNHN data ?	?	Unknown	29
CH1	Human activities	H005	Human activity	MARC Marine archaeology	Reglementary : historic/archeology site (Wrecks)	MNHN data ?	?	Unknown	30

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CH1	Human activities	H005	Human activity	MARC	Marine archaeology		Reglementary : historic/archeology site (Wrecks)	SHOM data ?	http://data.shom.fr/	Wrecks	31
CH1	Human activities	H005	Human activity	MLES	Marine environment leisure usage		Recreational activities : covered area	Aires Marines Protegees	http://www.aires-marines.fr/ or http://cartographie.aires-marines.fr/		32
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Coastal infrastructure : harbour storage capacity	SIH (French Fisheries Information System)	http://wwwz.ifremer.fr/institut_eng/Marine-science/French-facilities/Data-Centres/HIS	Données géographiques de référence ?	33
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Navigation : floating structures	SHOM data?	http://data.shom.fr/		34
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Navigation : Maritime traffic route	AIS (Automatic Identification System (AIS) PREMAR	http://www.premar-mediterranee.gouv.fr/ ?		35
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Radar : covered area	PREMAR	http://www.premar-mediterranee.gouv.fr/ ?		36
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Recreational activities :related traffic	Aires Marines Protegees Data	http://www.aires-marines.fr/ http://cartographie.aires-marines.fr/		37
CH1	Human activities	H005	Human activity	TRAN	Transport activity		Recreational activities :related traffic	nter-regional direction of Mediteranean Sea (DIRM) data ?	?	Unknown	38
CH1	Human activities	H005	Human activity	ZZZZ	Unspecified		Military activities: location of military bases	French Army data	?	Unknown	39
CH1	Human activities	H005	Human activity	ZZZZ	Unspecified		Other professional activities areas ...	PREMAR ?	http://www.premar-mediterranee.gouv.fr/ ?	Unknown	40
CH1	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01	Eastward current velocity in the water body(Water zonal velocity component)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	41
CH1	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCNSZZ01	Northward current velocity in the water body(Water meridional velocity component)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	42
CH1	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body(Sea level)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	43
CH1	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column	ODSDM021	Salinity of the water body	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	44
CH1	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	45
CH1	Marine water	D034	Waves	WVSP	Spectral wave data parameters		2-dimensional Wave spectra over frequencies and directions	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	46
CH1	Marine water	D034	Waves	GWDR	Wave direction	GWDRZZ01	Direction of waves on the water body(Mean wave direction)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	47
CH1	Marine water	D034	Waves	WVST	Wave height and period statistics	GHSWZZ01	Height of swell waves on the water body	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	48
CH1	Marine water	D034	Waves	WVST	Wave height and period statistics	GCMXVA01	Maximum height of waves on the water body by waverider (Maximum expected wave height)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	49
CH1	Marine water	D034	Waves	WVST	Wave height and period statistics		Mean (Energy) wave period	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	50
CH1	Marine water	D034	Waves	WVST	Wave height and period statistics	GTPKZZ01	Period at spectral maximum of waves on the water body(Peak wave period)	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	51
CH1	Marine water	D034	Waves	WVST	Wave height and period statistics	GTDHZZ01	Significant height of waves {Hs} on the water body	Marina Platform	http://www.marina-platform.com/marina.aspx	Unknown	52
CH1	Seabed	G045	Rock and sediment lithology and mineralogy	LITH	Lithology		Sediments spatial distribution	data.shom.fr	http://data.shom.fr/	DCSMM (initial assessment)	53
CH1	Seabed	G045	Rock and sediment lithology and mineralogy	LITH	Lithology		Sediments nature	data.shom.fr	http://data.shom.fr/	DCSMM (initial assessment)	54
CH1	Seabed	GSED	Rock and sediment sedimentology	SSTR	Sedimentary structure		Sediments thickness	data.shom.fr	http://data.shom.fr/	DCSMM (initial assessment)	55
CH1	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features	MBANMODL	Sea-floor depth (below unspecified datum) (bathymetric depth) in the water body by modelling of satellite altimetry and sounding data Bathymetry from basin scale model	Marina Platform	http://www.marina-platform.com/marina.aspx	ETOPO ?	56
CH1	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Coastal infrastructure : acces channel depth	SIH (French Fisheries Information System)	http://wwwz.ifremer.fr/institut_eng/Marine-science/French-facilities/Data-Centres/HIS	Données géographiques de référence ?	57
CH1	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Coastal infrastructure : port depth	SIH (French Fisheries Information System)	http://wwwz.ifremer.fr/institut_eng/Marine-science/French-facilities/Data-Centres/HIS	Données géographiques de référence ?	58

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CH2	Biology/biota	Z005	Positioning, references and data management	ALAT	Horizontal spatial coordinates (tracking included)		Wildlife tracking	ARGOS wildlife tracking project ?	http://www.argos-system.org/	ARGOS locations and environmental parameters	59
CH2	Biology/biota	B015	Birds, mammals and reptiles	BRDA	Bird counts		Seabirds (counts ?)	MEDPAN	http://www.medpan.org/		60
CH2	Biology/biota	B015	Birds, mammals and reptiles	BRDA	Bird counts		Seabirds (counts ?)	BIRDLIFE	http://www.birdlife.org/datazone/info/lbacr/teuro		62
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	CETA	Cetacean abundance		Cetacean (abundance ?)	ACCOBAMS	http://www.accobams.org/images/stories/Guidelines/mpas%20guidelines.pdf_2007	Existing and proposed MPAs for whales and dolphins	63
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	CETA	Cetacean abundance		Cetacean (abundance ?)	CETACEANALLIANCE	http://www.cetaceanalliance.org/species.htm	Pelagos Sanctuary	64
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FABD	Fauna abundance per unit area of the bed		Endangered species	ACCOBAMS	http://www.accobams.org/	http://www.accobams.org/images/stories/Guidelines/	65
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FABD	Fauna abundance per unit area of the bed		Endangered species	WWF	awsassets.panda.org/downloads/background.doc	WWF MedPO / 13 key Mediterranean marine areas in 1998	69
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FABD	Fauna abundance per unit area of the bed		Endangered species	CETACEANALLIANCE	http://www.cetaceanalliance.org/species.htm	Pelagos Sanctuary	70
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FABD	Fauna abundance per unit area of the bed		Endangered species	MEDPAN	http://www.medpan.org/	Unknown	71
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FABD	Fauna abundance per unit area of the bed		Invasive species	Unknown	Unknown	Unknown	72
CH2	Biology/biota	B020	Fish	FATX	Fish abundance in water bodies		Fish : demersal, pelagic (fish abundance ?)	MEDISEH	http://mareaproject.net/	MEDISEH	73
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	FOCA	Seal abundance		Monk seal (seal abundance ?)	MEDPAN	http://www.medpan.org/	Unknown	74
CH2	Biology/biota	B070	Biota abundance, biomass and diversity	GP068	Reptile abundance		Marine turtles (abundance ?)	MEDPAN	http://www.medpan.org/	Unknown	75
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Coastal lagoons and estuaries	Unknown	Unknown	Unknown	76
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Coralligenous formations	MEDISEH	http://mareaproject.net/	Unknown	77
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Coralligenous formations	COCONET	http://www.coconet-fp7.eu/	Unknown	80
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Cystoseira	MEDISEH	http://mareaproject.net/	Unknown	81
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Cystoseira	COCONET	http://www.coconet-fp7.eu/	Unknown	83
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Feeding, breeding, wintering or resting areas	ACCOBAMS	http://www.accobams.org/images/stories/Guidelines/mpas%20guidelines.pdf_2007	Existing and proposed MPAs for whales and dolphins in the Mediterranean and the Black Seas	84
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Feeding, breeding, wintering or resting areas	WWF	http://awsassets.panda.org/downloads/background.doc	awsassets.panda.org/downloads/background.doc, 1998	88
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Feeding, breeding, wintering or resting areas	CETACEANALLIANCE (Pelagos Sanctuary)	http://www.cetaceanalliance.org/species.htm	Pelagos Sanctuary	89
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Feeding, breeding, wintering or resting areas	MEDPAN	http://www.medpan.org/	Unknown	90
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Maerl beds	MEDISEH	http://mareaproject.net/	Unknown	91
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Maerl beds	COCONET	http://www.coconet-fp7.eu/	Unknown	93
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent		Populations of protected species at any stage of their life cycle and migratory patterns	ACCOBAMS	http://www.accobams.org/	http://www.accobams.org/images/stories/Guidelines/mpas%20guidelines.pdf_2007	94
CH2	Biology/biota	B054	Habitat	HBEX	Habitat extent		Populations of protected species at any stage of their life cycle and migratory patterns	WWF	awsassets.panda.org/downloads/background.doc , 1998	Unknown	98
CH2	Biology/biota	B055	Habitat	HBEX	Habitat extent		Populations of protected species at any stage of their life cycle and migratory patterns	CETACEANALLIANCE (Pelagos Sanctuary)	http://www.cetaceanalliance.org/species.htm	Pelagos Sanctuary	99
CH2	Biology/biota	B056	Habitat	HBEX	Habitat extent		Populations of protected species at any stage of their life cycle and migratory patterns	MEDPAN	http://www.medpan.org/	Unknown	100

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CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent	Posidonia oceanica	MEDISEH	http://mareaproject.net/	Unknown	101
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent	Posidonia oceanica	COCONET	http://www.coconet-fp7.eu/	Unknown	104
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent	Posidonia oceanica	Glakoumi, et. Al, 2013	IA	IA	105
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent	Seagrass distribution	MEDISEH	http://mareaproject.net/	Unknown	106
CH2	Biology/biota	B050	Habitat	HBEX	Habitat extent	Seagrass distribution	COCONET	http://www.coconet-fp7.eu/	Unknown	108
CH2	Biology/biota	B055	Macroalgae and seagrass	PU02	Macroalgae generic abundance in water bodies	Endangered species (macroalgae?)	ACCOBAMS	http://www.accobams.org/	http://www.accobams.org/images/stories/Guidelines/mpas%20guidelines.pdf_2007	109
CH2	Biology/biota	B058	Macroalgae and seagrass	PU05	Macroalgae generic abundance in water bodies	Endangered species (macroalgae?)	WWF	http://awsassets.panda.org/	awsassets.panda.org/downloads/background.doc	195 112
CH2	Biology/biota	B059	Macroalgae and seagrass	PU06	Macroalgae generic abundance in water bodies	Endangered species (macroalgae?)	CETACEANALLIANCE (Pelagos Sanctuary)	http://www.cetaceanalliance.org/species.htm	Pelagos Sanctuary	113
CH2	Biology/biota	B060	Macroalgae and seagrass	PU07	Macroalgae generic abundance in water bodies	Endangered species (macroalgae?)	MEDPAN	http://www.medpan.org/	Unknown	114
CH2	Fresh water	D30	Currents	RVDS	River flow and discharge	Runoff water	COCONET	http://www.coconet-fp7.eu/	Unknown	115
CH2	Human activities	T001	Terrestrial (including bathymetry and undersea features)	COAS	Terrestrial mapping	Urbanization (coastal cities, major ports)	COCONET	http://www.coconet-fp7.eu/	Unknown	116
CH2	Human activities	H001	Anthropogenic contamination	GP001	Pollution events	Oil spill	COCONET	http://www.coconet-fp7.eu/	Unknown	117
CH2	Human activities	B020	Fish	GP087	Fishery characterisation	Aquaculture/ Mariculture	COCONET	http://www.coconet-fp7.eu/	Unknown	118
CH2	Human activities	B020	Fish	GP087	Fishery characterisation	Fisheries zones	COCONET	http://www.coconet-fp7.eu/	Unknown	119
CH2	Human activities	H002	Construction and structures	HZNV	Hazards to navigation	Pipelines and cables	COCONET	http://www.coconet-fp7.eu/	Unknown	120
CH2	Human activities	H005	Human activity	IACT	Industrial activity	Dredging	COCONET	http://www.coconet-fp7.eu/	Unknown	121
CH2	Human activities	H005	Human activity	IACT	Industrial activity	Hydrocarbon extraction	COCONET	http://www.coconet-fp7.eu/	Unknown	122
CH2	Human activities	H005	Human activity	IACT	Industrial activity	Industry	COCONET	http://www.coconet-fp7.eu/	Unknown	123
CH2	Human activities	H005	Human activity	IACT	Industrial activity	Ocean energy facilities	COCONET	http://www.coconet-fp7.eu/	Unknown	124
CH2	Human activities	H001	Anthropogenic contamination	LITT	Litter abundance and type	Waste disposal	COCONET	http://www.coconet-fp7.eu/	Unknown	125
CH2	Human activities	H005	Human activity	MARC	Marine archaeology	Cultural heritage	COCONET	http://www.coconet-fp7.eu/	Unknown	126
CH2	Human activities	H005	Human activity	MLES	Marine environment leisure usage	Tourism	COCONET	http://www.coconet-fp7.eu/	Unknown	127
CH2	Human activities	H002	Construction and structures	MMST	Man-made structures	Offshore Wind farms	COCONET	http://www.coconet-fp7.eu/	Unknown	128
CH2	Human activities	H005	Human activity	TRAN	Transport activity	Anchoring zones	COCONET	http://www.coconet-fp7.eu/	Unknown	129
CH2	Human activities	H005	Human activity	TRAN	Transport activity	Maritime traffic	COCONET	http://www.coconet-fp7.eu/	Unknown	130

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CH2	Human activities	H005	Human activity	ZZZZ	Unspecified		Trawling	COCONET	http://www.coconet-fp7.eu/	Unknown	131
CH2	Marine water	H005	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	EIONET	http://cdr.eionet.europa.eu/gr/eea/cdda1/envuqm0nq	Marine Protected Areas	132
CH2	Marine water	H006	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	PROTECTEDPLANET	http://www.protectedplanet.net/	Marine Protected Areas (DS?)	133
CH2	Marine water	H007	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	EIONET	http://cdr.eionet.europa.eu/gr/eea/cdda1/envuqm0nq	SACs / Habitats Directive	134
CH2	Marine water	H008	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	EIONET	http://cdr.eionet.europa.eu/gr/eea/cdda1/envuqm0nq	SPAs / Birds Directive	135
CH2	Marine water	H009	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	MEDPAN	http://www.medpan.org/	Network of marine protected area managers in the med	136
CH2	Marine water	H010	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	MEDPAN/MAPAMED	http://www.medpan.org/mapamed	Network of marine protected area managers in the med	137
CH2	Marine water	H011	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	SPAMI	http://rac-spa.org/spami	Barcelona Convention SPABD protocol/Specially protected areas of Mediterranean Importance (SPAMIs)/Expert judgement, political decision (nomination of sites by the party/parties concerned)	138
CH2	Marine water	H012	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	FIRST MARINE WORLD HERITAGE	http://whc.unesco.org/en/list	First marine world heritage site listed in 1983	139
CH2	Marine water	H013	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	RAMSAR	http://www.ramsar.org	Ramsar marine sites : Ramsar Convention Secretariat, 2010 (strategic framework and guidelines first adopted in 1999).	140
CH2	Marine water	H014	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	RAC-SPA	http://rac-spa.org/sites/default/files/meetings/nfp_r_ext_1/wg.348_inf06.pdf	Important sea birds areas UNEP MAP-RAC/SPA, 2010. Carboneras and Requena, 2010	141
CH2	Marine water	H015	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	RAC-SPA	http://rac-spa.org/	EBSAs UNEP-MAP-RAC/SPA, 2010. UNEP-MAP-RAC/SPA, 2012	142
CH2	Marine water	H016	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	IUCN Marine Protected Areas	http://www.iucn.org/about/work/programmes/gpap_home/gpap_events/gpap_2012/copy_of_wcpa_wcc08_31082012_1318/	Marine Protected Areas IUCN, 2008	143
CH2	Marine water	H017	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	ACCOBAMS	http://www.accobams.org/images/stories/Guidelines/mpas%20guidelines.pdf , 2007	Existing and proposed MPAs for whales and dolphins in the Mediterranean and the Black Seas	144
CH2	Marine water	H018	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	Existing and Proposed Protected Areas Micheli et al. 2014	http://www.plosone.org/	IA	145
CH2	Marine water	H019	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	Oceana 2011	http://oceana.org/en/eur/home	Proposed MPAs	146
CH2	Marine water	H020	Human activity	ADUN	Administrative units		Existing and proposed Marine protected Areas	Awsassets.panda.org	awsassets.panda.org/downloads/	Proposed MPAs : background.doc, 1998	147
CH2	Marine water	H005	Human activity	ADUN	Administrative units		Fisheries Restricted Areas	GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/topic/16100/en	Fisheries Restricted Areas Recommendations GFCM/2005/1, GFCM/2006/3, GFCM/33/2009/1	148
CH2	Marine water	H005	Human activity	ADUN	Administrative units		Fisheries Restricted Areas	MEDISEH	http://mareaproject.net/	Fisheries Restricted Areas	149
CH2	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column	CHLTVOLU	Concentration of chlorophyll per unit volume of the water body (Chlorophyll mean)	MYOCEAN	http://www.myocean.eu/	Unknown	153
CH2	Marine water	C015	Dissolved gases	DOXY	Dissolved oxygen parameters in the water column	DOXYZZ01	Concentration of oxygen {O2} per unit volume of the water body [dissolved plus reactive particulate phase] by in-situ senso. Dissolved oxygen (bottom)	MYOCEAN	http://www.myocean.eu/	Unknown	154
CH2	Marine water	C015	Dissolved gases	DOXY	Dissolved oxygen parameters in the water column	DOXYZZ01	Concentration of oxygen {O2} per unit volume of the water body [dissolved plus reactive particulate phase] by in-situ sensor. Dissolved oxygen (surface)	MYOCEAN	http://www.myocean.eu/	Unknown	155
CH2	Marine Water	H001	Anthropogenic contamination	NOYS	Acoustic noise in the water column		Noise pollution,	Unknown	Unknown	Unknown	156
CH2	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column	ASLTZZ01	Absolute salinity of the water body (bottom)	MYOCEAN	http://www.myocean.eu/	Unknown	157
CH2	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column	ASLTZZ01	Absolute salinity of the water body (mean)	MYOCEAN	http://www.myocean.eu/	Unknown	158
CH2	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column	ASLTZZ01	Absolute salinity of the water body (surface)	MYOCEAN	http://www.myocean.eu/	Unknown	159

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CH2	Marine water	C005	Carbon, nitrogen and phosphorus	SAMO	Nutrient fluxes between the bed and the water column	SAMOISSS	Steady-state flux (into water) of ammonium (NH ₄) per unit time per unit area of the bed by in-situ incubation and calculation from rate of change of concentration in overlying water. Nutrients (mean)	MYOCEAN	http://www.myocean.eu/	Unknown	160
CH2	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body(bottom)	MYOCEAN	http://www.myocean.eu/	Unknown	161
CH2	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body(mean)	MYOCEAN	http://www.myocean.eu/	Unknown	162
CH2	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body(surface)	MYOCEAN	http://www.myocean.eu/	Unknown	163
CH2	Marine water	D30	Currents	VDFC	Transport in the water column		Strait fluxes	Unknown	Unknown	Unknown	164
CH2	Marine water	D30	Currents	VDFC	Transport in the water column		Upwelling areas	Unknown	Unknown	Unknown	165
CH2	Marine water	Z005	Positioning, references and data management	ZZZZ	Unspecified		ARGOS collected parameters not defined	ARGOS wildlife tracking project ?	http://www.argos-system.org/	ARGOS locations and environmental parameters	166
CH2	Seabed	G060	Sedimentation and erosion processes	BEST	Sediment resuspension		Coastal erosion	Unknown	Unknown	Unknown	178
CH2	Seabed	G060	Sedimentation and erosion processes	BEST	Sediment resuspension		Energy at the seabed	Unknown	Unknown	Unknown	179
CH2	Seabed	GSED	Rock and sediment sedimentology	DPEV	Depositional environment		Description of depositional environment type of sediment by classification to a term from CGI Event Environment Vocabulary (TypeDepEnvSed)	EMODNET Geology	http://www.emodnet.eu/geology	Unknown	180
CH2	Seabed	G045	Rock and sediment lithology and mineralogy	LITH	Lithology		Seabed characteristics and substrate	Unknown	Unknown	Unknown	181
CH2	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features	MBANMODL	Sea-floor depth (below unspecified datum) (bathymetric depth) in the water body by modelling of satellite altimetry and sounding data Bathymetry	EMODNET Bathymetry	http://www.emodnet-bathymetry.eu/	Bathymetry 1/8 Minute grid	182
CH2	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Deep sea canyons	Unknown	Unknown	Unknown	183
CH2	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Hydrothermal vents and cold seeps	Unknown	Unknown	Unknown	184
CH2	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Sea caves	Giakoumi, et. Al, 2013	IA	IA	185
CH2	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features		Sea mounts	Unknown	Unknown	Unknown	186
CH2	Seabed	G060	Sedimentation and erosion processes	RACC	Sediment accumulation rate		Coastal deposition	COCONET	http://www.coconet-fp7.eu/	Unknown	187
CH2	UN	H001	Anthropogenic contamination	ZZZZ	Unspecified		Pollution	Unknown	Unknown	Unknown	188

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CH3	Air	M010	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	European Centre for Medium-Range Weather Forecasts (ECMWF)	http://www.ecmwf.int/	ECMWF meteorological model	189
CH3	Air	M017	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	POSEIDON	http://poseidon.hcmr.gr/ocean_forecast.php?area_id=med	POSEIDON meteorological model - Mediterranean	196
CH3	Air	M018	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	SKIRON	http://forecast.uoa.gr/	SKIRON meteorological model - Mediterranean	197
CH3	Air	M019	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	SKIRON	http://forecast.uoa.gr/	SKIRON meteorological model - Mediterranean	198
CH3	Air	M020	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	ARPEGE	http://www.cnrm-game.fr/spip.php?article124&lang=en	ARPEGE meteorological model - Mediterranean	199
CH3	Air	M021	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	AEMET	http://www.aemet.es/en/eltiempo/prediccion/maritima	AEMET meteorological model - Western Mediterranean	200
CH3	Air	M022	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	MALTA/Maria ETA Model	http://www.capemalta.net/maria/pages/atmosforecast.html	MALTA/Maria ETA Model meteorological model Central Med Region	201
CH3	Air	M023	Meteorology	EWSB	Wind speed and direction	WINDX MOD; WINDYMOD	Wind velocity (10m along x-axis) in the atmosphere by model prediction ;Wind velocity (10m along y-axis) in the atmosphere by model prediction	HIRLAM, WRF	http://www.aemet.es/en/eltiempo/prediccion/modelos/numericos/hirlam/	HIRLAM, WRF meteorological model Balearic sea/Western Mediterranean	202
CH3	Biology/biota	B050	Habitat	HBEX	Habitat extent		Seabed Habitats	EMODnet Seabed Habitats	http://jncc.defra.gov.uk/page-5040	Modelled seabed habitats in the Western Mediterranean	203
CH3	Human activities	H002	Construction and structures	MMST	Man-made structures		Defence works	EEA Geology_Geomorphology_ErosionTrends	http://www.eea.europa.eu/data-and-maps/data/geomorphology-geology-erosion-trends-and-coastal-defence-works	Coastal Erosion Defence Works version 2, CEDWW2	204
CH3	Human activities	H001	Anthropogenic contamination	GP001	Pollution events		Oil API (note : American Petroleum Institute gravity)	REMPEC oil type database	http://www.rempec.org/		205
CH3	Human activities	H001	Anthropogenic contamination	GP001	Pollution events		Oil Slick Area	Unknown	Unknown	Unknown	206
CH3	Human activities	H001	Anthropogenic contamination	GP001	Pollution events		Oil Slick Thickness	Unknown	Unknown	Unknown	207
CH3	Human activities	H005	Human activity	TRAN	Transport activity		AIS traffic density	AIS (Automatic Identification System)	Unknown	Unknown	208
CH3	Human activities	H005	Human activity	ZZZZ	Unspecified		Environmental Sensitivity of the coastline	SACOSTA	http://gis.socib.es/sacosta	Sensibilidad Ambiental de la linea de costa 2012	209
CH3	Human activities	T001	Terrestrial (including bathymetry and undersea features)	COAS	Terrestrial mapping		Use of coastal areas	Corine Land Cover 2006 seamless vector data	http://www.eea.europa.eu		210
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - POSEIDON 7	http://www.mongoos.eu/	POSEIDON ocean model - Aegean	211
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - POSEIDON 3	http://www.mongoos.eu/	POSEIDON ocean model - Mediterranean	218
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - CYCOFOS Levantine 1	http://www.mongoos.eu/	CYCOFOS (Levantine Basin)	219
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - CYPOM Aegean-Levantine	http://www.mongoos.eu/	CYCOFOS CYPOM high resolution (Aegean-Levantine)	220

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CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - MFC-Currents	http://www.mongoos.eu/	MFS ocean model - Mediterranean	221
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - AFS	http://www.mongoos.eu/	AFS ocean model - Adriatic	222
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - Sicily Channel Regional sub-Model Forecasting System	http://www.mongoos.eu/	SCRM ocean model - Sicily Channel	223
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - Western Mediterranean sub-Regional Model Forecasting System	http://www.mongoos.eu/	WMED ocean model - Western Mediterranean	224
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS -SAMPA	http://www.mongoos.eu/	SAMPA ocean model - Gibraltar Strait	225
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - IBI-MFC model	http://www.mongoos.eu/	MyOceanIBI ocean model - Iberian Biscay Irish	226
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - ALERMO	http://www.mongoos.eu/	ALERMO ocean model - Aegean	227
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - PREVIMER-MENOR	http://www.mongoos.eu/	PREVIMER_F2-MARS3D-MENOR ocean model - North Western Mediterranean	228
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	MONGOOS - ROSARIO	http://www.mongoos.eu/	ROSARIO II ocean model Malta Shelf	229
CH3	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 ; LCNSZZ01	Eastward current velocity in the water body; Northward current velocity in the water body	Unknown	Unknown	ROMS ocean model Balearic Sea/Western Mediterranean	230
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - POSEIDON 7	http://www.mongoos.eu/	POSEIDON ocean model - Aegean	231
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - POSEIDON 3	http://www.mongoos.eu/	POSEIDON ocean model - Mediterranean	232
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - CYCOFOS Levantine 1	http://www.mongoos.eu/	CYCOFOS (Levantine Basin)	233
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - CYPOM Aegean-Levantine	http://www.mongoos.eu/	CYCOFOS CYPOM high resolution (Aegean-Levantine)	234
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - MFC-Currents	http://www.mongoos.eu/	MyOceanMFS ocean model - Mediterranean	235
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - AFS	http://www.mongoos.eu/	AFS ocean model - Adriatic	236
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - Sicily Channel Regional sub-Model Forecasting System	http://www.mongoos.eu/	SCRM ocean model - Sicily Channel	237
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - Western Mediterranean sub-Regional Model Forecasting System	http://www.mongoos.eu/	WMED ocean model - Western Mediterranean	238
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS -SAMPA	http://www.mongoos.eu/	SAMPA ocean model - Gibraltar Strait	239
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - IBI-MFC model	http://www.mongoos.eu/	MyOceanIBI ocean model - Iberian Biscay Irish	240
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - ALERMO	http://www.mongoos.eu/	ALERMO ocean model - Aegean	241
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - PREVIMER-MENOR	http://www.mongoos.eu/	PREVIMER_F2-MARS3D-MENOR ocean model - North Western Mediterranean	242
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MONGOOS - ROSARIO	http://www.mongoos.eu/	ROSARIO II ocean model Malta Shelf	243
CH3	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	Unknown	Unknown	ROMS ocean model Balearic Sea/Western Mediterranean	244
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	MONGOOS - POSEIDON 8	http://www.mongoos.eu/	POSEIDON WAM Cycle 4 wave model Aegean	245
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	MONGOOS - POSEIDON 4	http://www.mongoos.eu/	POSEIDON WAM Cycle 4 wave model Mediterranean	246
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	Unknown		MFS WW3 wave model Mediterranean	247
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	MONGOOS - CYCOFOS Levantine 2	http://www.mongoos.eu/	CYCOFOS WAM4 wave model Mediterranean	248
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	Unknown	http://sramar.ocean.org.il/sramar2009/wave_model/default.aspx?region=coarse&model=wam	PdE-WAM wave model Mediterranean	249
CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRTO01	Direction (towards) of waves on the water body	Unknown	http://www.previmer.org/en	PREVIMER-MENOR-WW3_MENOR_UG wave model Mediterranean	250

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CH3	Marine water	D034	Waves	GWDR	Wave direction	GWDRT001	Direction (towards) of waves on the water body	MONGOOS - MARIA/WAM Central Med	http://www.mongoos.eu/	MALTA/Maria WAM1 wave model Central Med Region	251
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	MONGOOS - POSEIDON 8	http://www.mongoos.eu/	http://www.mongoos.eu/	252
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	MONGOOS - POSEIDON 4	http://www.mongoos.eu/	http://www.mongoos.eu/	278
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	Unknown			279
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	MONGOOS - CYCOPUS Levantine 2	http://www.mongoos.eu/	http://www.mongoos.eu/	280
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	Unknown	Unknown	Unknown	281
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	Unknown	Unknown	Unknown	282
CH3	Marine water	D034	Waves	WVST	Wave height and period statistics	GTZAM2ZZ ; HMZEZ01	Period (at second spectral moment) of waves on the water body ; ; Spectral significant height of waves (Hm0) on the water body	MONGOOS - MARIA/WAM Central Med	http://www.mongoos.eu/	http://www.mongoos.eu/	283
CH3	Seabed	G045	Rock and sediment lithology and mineralogy	LITH	Lithology		Seabed substrate	EMODnet Seabed Habitats	http://jncc.defra.gov.uk/page-5040	EUSeaMap substrate for the Western Mediterranean	284
CH3	Seabed	G040	Rock and sediment physical properties	MNGS	Sediment grain size parameters		Seabed substrate	EMODnet Seabed Habitats	http://jncc.defra.gov.uk/page-5040	EUSeaMap substrate for the Western Mediterranean	285
CH3	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features	MBANMODL	Sea-floor depth (below unspecified datum) {bathymetric depth} in the water body by modelling of satellite altimetry and sounding data	GEBCO (General Bathymetric Chart of the Oceans)	http://www.gebco.net/	General Bathymetric Chart of the Oceans (GEBCO) One Minute Grid	291
CH3	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features	MBANMODL	Sea-floor depth (below unspecified datum) {bathymetric depth} in the water body by modelling of satellite altimetry and sounding data	EMODNET Bathymetry	http://www.emodnet-bathymetry.eu/	European Marine Observation and Data Network - Bathymetry 1/8 minute DTM	292
CH3	Seabed	T001	Terrestrial (including bathymetry and undersea features)	MBAN	Bathymetry, elevation and undersea features	MBANESND	Sea-floor depth (below unspecified datum) {bathymetric depth} in the water body by echo sounder	GEBCO (General Bathymetric Chart of the Oceans) ?	http://www.gebco.net/	?	293
CH3	SeaBed	T001	Terrestrial (including bathymetry and undersea features)	COGE	Coastal geomorphology		Coast type	EEA Geology_Geomorphology_ErosionTrend	http://www.eea.europa.eu/data-and-maps/data/geomorphology-geology-erosion-trends-and-coastal-defence-works	Coastal Erosion Morpho-sedimentological code version	294
CH4	Human activities	H002	Construction and structures	MMST	Man-made structures		Defence works	EEA Geology_Geomorphology_ErosionTrend	http://www.eea.europa.eu/data-and-maps/data/geomorphology-geology-erosion-trends-and-coastal-defence-works	Coastal Erosion Defence Works version 2, CEDWV2	295
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVMNDY	Surface elevation daily mean (unspecified datum) of the water body	AVISO CLS	http://www.avisollimetry.fr/en/home.html		296
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVMNDY	Surface elevation daily mean (unspecified datum) of the water body	AVISO CLS	http://www.avisollimetry.fr/en/home.html		298
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVMNMO	Surface elevation monthly mean (unspecified datum) of the water body	Permanent Service for Mean Sea Level_tide gauge sea level (PSMSL)	http://www.pol.ac.uk/psmsl/or		299
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVMNMO	Surface elevation monthly mean (unspecified datum) of the water body	Idromare	http://www.idromare.com	National Tide Gauge Network	302
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVMNMO	Surface elevation monthly mean (unspecified datum) of the water body	SONEL	http://www.sonel.org/	UN : Surface elevation monthly mean ?	303
CH4	Marine water	D032	Sea level	ASLV	Sea level	ASLVNL60	Surface elevation hourly mean (Normal Low Water datum) of the water body by inverted echo sounder and averaging of higher frequency data	University of Hawaii Sea Level Center (UHSLC) ?	http://likai.soest.hawaii.edu/uhslic/data1.html ?	Tide Gauge Sea Level ?	304
CH4	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	HadISST	http://www.metoffice.gov.uk/hadobs/hadist/	Hadley Centre Sea Ice and Sea Surface Temperature data set (HadISST)	305
CH4	Marine water	D025	Water column temperature	TEMP	Temperature of the water	TEMPPR01	Temperature of the water body	MONGOOS by ISAC CNR	http://www.mongoos.eu/ ?	Mediterranean SST reprocessed dataset	310
CH4	Marine water	D025	Water column temperature	TEMP	Temperature of the water	TEMPPR01	Temperature of the water body	MYOCEAN CNR-ISAC	http://www.myocean.eu/ or http://www.isac.cnr.it/ ?	Mediterranean SST L4NRT	311
CH4	Marine water	D025	Water column temperature	TEMP	Temperature of the water	TEMPPR01	Temperature of the water body	MYOCEAN CNR-ISAC	http://www.myocean.eu/ or http://www.isac.cnr.it/ ?	Mediterranean SST L3 NRT	312
CH4	Marine water	D025	Water column temperature	TEMP	Temperature of the water	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Reanalysis (1999-2011)	313
CH4	Seabed	T001	Terrestrial (including bathymetry and undersea features)	COGE	Coastal geomorphology		Coast type	EEA Geology_Geomorphology_ErosionTrend	http://www.eea.europa.eu/data-and-maps/data/geomorphology-geology-erosion-trends-and-coastal-defence-works	Coastal Erosion Morpho-sedimentological code version	314
CH4	Seabed	T001	Terrestrial (including bathymetry and undersea features)	COGE	Coastal geomorphology		Shoreline erosion trend	EEA Geology_Geomorphology_ErosionTrend	http://www.eea.europa.eu/data-and-maps/data/geomorphology-geology-erosion-trends-and-coastal-defence-works	Coastal Erosion Evolutionary Trend version 2, CEEV2	315

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CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of discards of fish by species, country, year and fleet segment (excluding shellfish)	Data Collection (DCR - DCF) for the Common Fisheries	https://datacollection.jrc.ec.europa.eu/	DCR - DCF : (Mass of discards of fish by species, country, year and fleet segment excluding shellfish ?)	316
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of discards of fish by species, country, year and fleet segment (excluding shellfish)	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task 1 (Mass of discards of fish by species, country, year and fleet segment excluding shellfish?)	317
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of landings of fish by species, country and year (excluding shellfish)	Data Collection (DCR - DCF) for the Common Fisheries	https://datacollection.jrc.ec.europa.eu/	DCR - DCF : (Mass of landings of fish by species, country, year and fleet segment excluding shellfish)	318
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of landings of fish by species, country and year (excluding shellfish)	FAO FishStat	http://www.fao.org/fishery/statistics/en	FishStat	319
						Mass of landings of fish by species, country and year (excluding shellfish)	International Commission for the Conservation of Atlantic Tunas (ICCAT)	http://www.iccat.es/en/pubs_sbull.htm		320
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of landings of fish by species, country, year and fleet segment (excluding shellfish)	Data Collection (DCR - DCF) for the Common Fisheries	https://datacollection.jrc.ec.europa.eu/	DCR - DCF : (Mass of landings of fish by species, country, year and fleet segment excluding shellfish)	321
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Mass of landings of fish by species, country, year and fleet segment (excluding shellfish)	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task 1 (Mass of landings of fish by species, country, year and fleet segment excluding shellfish)	322
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Number of discards of fish by species, country, year and fleet segment (excluding shellfish)	Data Collection (DCR - DCF) for the Common Fisheries	https://datacollection.jrc.ec.europa.eu/	DCR - DCF : (Number of discards of fish by species, country, year and fleet segment excluding shellfish?)	323
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Number of discards of fish by species, country, year and fleet segment (excluding shellfish)	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task 1 (Number of discards of fish by species, country, year and fleet segment excluding shellfish ?)	324
CH5	Biology/biota	B020	Fish	FCST	Fish and shellfish catch statistics	Number of landings of fish by species, country, year and fleet segment (excluding shellfish)	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task 1 (Number of landings of fish by species, country, year and fleet segment excluding shellfish)	325
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Mass of bycatch of mammals by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Mass of bycatch of mammals by species, country and year ?)	326
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Mass of bycatch of reptiles by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Mass of bycatch of reptiles by species, country and year ?)	327
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Mass of bycatch of sea birds by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Mass of bycatch of sea birds by species, country and year?)	328
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Number of bycatch of mammals by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Number of bycatch of mammals by species, country and year ?)	329
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Number of bycatch of reptiles by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Number of bycatch of reptiles by species, country and year?)	330
CH5	Biology/biota	B020	Fish	GP080	Fishing by-catch	Number of bycatch of sea birds by species, country and year	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task1 (Number of bycatch of sea birds by species, country and year?)	332
CH5	Human activities	Z005	Positioning, references and data management	ACYC	Reference numbers	Tracking AIS raw data Italy	AIS (Automatic Identification System)	Unknown	Tracking AIS raw data Italy	334
CH5	Human activities	Z005	Positioning, references and data management	ACYC	Reference numbers	Tracking GPS logger data Italy	GPS Logger Italy	Unknown	GPS Logger data Italy	336
CH5	Human activities	Z005	Positioning, references and data management	ACYC	Reference numbers	Tracking VMS raw data Croatia, Cyprus, France, Greece, Italy, Malta, Slovenia, Spain	VMS (Vessel monitoring systems)		VMS raw data Croatia, Cyprus, France, Greece, Italy,	338
CH5	Human activities	Z005	Positioning, references and data management	ALAT	Horizontal spatial coordinates	Tracking GPS logger data Italy	GPS Logger Italy	Unknown	GPS Logger data Italy	340
CH5	Human activities	Z005	Positioning, references and data management	ALAT	Horizontal spatial coordinates	Tracking AIS raw data Italy	AIS (Automatic Identification System)	Unknown	Tracking AIS raw data Italy	342
CH5	Human activities	Z005	Positioning, references and data management	ALAT	Horizontal spatial coordinates	Tracking VMS raw data Croatia, Cyprus, France, Greece, Italy, Malta, Slovenia, Spain	VMS (Vessel monitoring systems)	Unknown	VMS raw data Croatia, Cyprus, France, Greece, Italy,	343
CH5	Human activities	Z005	Positioning, references and data management	APDA	Horizontal platform movement	Tracking AIS raw data Italy	AIS (Automatic Identification System)	Unknown	Tracking AIS raw data Italy	344
CH5	Human activities	Z005	Positioning, references and data management	APDA	Horizontal platform movement	Tracking GPS logger data Italy	GPS Logger Italy	Unknown	GPS Logger data Italy	345
CH5	Human activities	Z005	Positioning, references and data management	APDA	Horizontal platform movement	Tracking VMS raw data Croatia, Cyprus, France, Greece, Italy, Malta, Slovenia, Spain	VMS (Vessel monitoring systems)	Unknown	VMS raw data Croatia, Cyprus, France, Greece, Italy,	346
CH5	Human activities	H005	Human activity	FEFF	Fishing effort	Effort data (N. boat x Fishing days) by year, country and fleet segment	Data Collection (DCR - DCF) for the Common Fisheries	https://datacollection.jrc.ec.europa.eu/	DCR - DCF	347
CH5	Human activities	H005	Human activity	FEFF	Fishing effort	Effort data (N. boat x Fishing days) by year, country and fleet segment	FAO GFCM (General Fisheries Commission for the Mediterranean)	http://www.gfcm.org/gfcm/en	Task 1	348

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CH6	Marine water	C005	Carbon, nitrogen and phosphorus	AMON	Ammonium concentration parameters in the water column	AMONAAD1	Concentration of ammonium (NH ₄) per unit volume of the water body [dissolved plus reactive particulate]	UNEP Medpol	http://www.unepmap.org	Seawater concentration	349
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Along-Track Sea Surface Heights NRT	350
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Along-Track Sea Surface Heights NRT tailored for data assimilation	351
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Along-Track Sea Surface Heights Reprocessed (1992-ongoing)	352
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Mean Dynamic Topography	353
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	EMODNET Physics	http://www.emodnet.eu/physics	Sea Level	354
CH6	Marine water	D032	Sea level	ASLV	Sea level	ASLVZZ01	Surface elevation (unspecified datum) of the water body	SeaDataNet	http://www.seadatanet.org/	Sea Level	355
CH6	Marine water	D015	Optical properties	ATTN	Transmittance and attenuation of the water column		Attenuation Coefficient	Oceancolor	http://oceancolor.gsfc.nasa.gov/		356
CH6	Marine water	D015	Optical properties	ATTN	Transmittance and attenuation of the water column		Attenuation Coefficient	Perseus	http://sramar.ocean.org.il/perseus_data/Default.aspx		357
CH6	Marine water	D015	Optical properties	ATTN	Transmittance and attenuation of the water column		Attenuation Coefficient	Boussole	http://www.obs-vlfr.fr/Boussole/html/boussole_data/login_form.php		358
CH6	Marine water	D015	Optical properties	ATTN	Transmittance and attenuation of the water column		Attenuation Coefficient	MYOCEAN	http://www.myocean.eu/		359
CH6	Marine water	D015	Optical properties	ATTN	Transmittance and attenuation of the water column		Transmittance and attenuation of the water column	SeaDataNet	http://www.seadatanet.org/	SeaDataNet-Transmittance and attenuation of the wa	360
CH6	Marine water	D015	Optical properties	CNTX	Phytoplankton generic biomass in water bodies		Chlorophyll pigment concentration	Perseus	http://sramar.ocean.org.il/perseus_data/Default.aspx	Cast database -Primary production in the water column	361
CH6	Marine water	D015	Optical properties	CNTX	Phytoplankton generic biomass in water bodies		Chlorophyll pigment concentration	SeaDataNet	http://www.seadatanet.org/	Primary production in the water column	362
CH6	Marine water	D015	Optical properties	CNTX	Phytoplankton generic biomass in water bodies		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Biogeochemistry Analysis and Forecast	363
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Coastcolour	http://www.coastcolour.org/products.html	L2W/CONC/Chlorophyll a concentration	364
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	Aqua Modis Chlorophyll Concentration	365
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	Terra Modis Chlorophyll Concentration	366
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	CZCS Chlorophyll Concentration	367
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	MERIS Chlorophyll Concentration	368
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	OCTS Chlorophyll concentration	369
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Oceancolor	http://oceancolor.gsfc.nasa.gov/	SeaWIFS Chlorophyll concentration	370

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CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	ICES Oceanography	http://www.ices.dk/marine-data/data-portals/Pages/default.aspx	OCEANOGRAPHY - chlorophyll-a	371
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Perseus	http://isramar.ocean.org/ll/perseus_data/Default.aspx	Cast database - Chlorophyll pigment concentrations in the water column	372
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	Boussole	http://www.obs-vlfr.fr/Boussole/html/boussole_data/login_form.php	Buoy/ cruise Chi	373
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	SeaDataNet	http://www.seadatanet.org/	SeaDataNet Chlorophyll pigment concentrations in the water column	374
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Biogeochemistry Analysis and Forecast	375
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Surface Chlorophyll Concentration from Satellite observations Reprocessed (1997-2010)	376
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Monthly and Weekly Interpolated means of Surface Chlorophyll Concentration from Satellite observations	377
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Surface Chlorophyll Concentration from Satellite observations	378
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Biogeochemistry NON ASSIMILATIVE Hindcast (2001-2010)	379
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea- In-Situ Temperature and Salinity Near Real Time Observations	380
CH6	Marine water	B035	Pigments	CPWC	Chlorophyll pigment concentrations in the water column		Chlorophyll pigment concentration	EMODNET Chemistry	http://www.emodnet-chemistry.eu/portal/portal/	monthly climatological sea surface chlorophyll concentration (Access to be precised)	381
CH6	Marine water	D30	Currents	LRZA	Vertical velocity of the water column (currents)		Vertical velocity in the water column	SeaDataNet	http://www.seadatanet.org/		382
CH6	Marine water	C005	Carbon, nitrogen and phosphorus	NTOT	Particulate total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] N concentration in water ?	UNEP Medpol ?	http://www.unepmap.org	Unknown	383
CH6	Marine water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column	CHEMM012	Concentration of nitrate {NO3} per unit volume of the water body [dissolved plus reactive particulate phase] by colorimetric autoanalysis and correction for nitrite	UNEP Medpol ?	http://www.unepmap.org	Unknown	384
CH6	Marine water	C005	Carbon, nitrogen and phosphorus	NTRI	Nitrite concentration parameters in the water column	NO2FLTC	Concentration of nitrite {NO2} per unit volume of the water body [dissolved plus reactive particulate]	UNEP Medpol ?	http://www.unepmap.org	Unknown	385
CH6	Marine water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column	PHOSAAD1	Concentration of phosphate {PO4} per unit volume of the water body [dissolved plus reactive particulate	UNEP Medpol ?	http://www.unepmap.org	Unknown	386
CH6	Marine water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column	PHOSZZX	Concentration of phosphate {PO4} per unit volume of the water body [unknown phase] P concentration in water	UNEP Medpol ?	http://www.unepmap.org	Unknown	387

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CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	Perseus	http://isramar.ocean.org.il/perseus_data/Default.aspx	Cast database - Salinity of the water column	388
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	Bousssole	http://www.obs-vlfr.fr/Bousssole/html/home/home.php	Buoy/ cruise	389
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	SeaDataNet	http://www.seadatanet.org/	Salinity of the water column	390
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Analysis and Forecast	391
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea- In-Situ Temperature and Salinity Near Real Time Observations	392
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Reanalysis (1999-2011)	393
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean- In-situ Observations Yearly Delivery in Delayed Mode (1990-2011)	394
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	EMODNET Physics	http://www.emodnet.eu/physics	Sea water salinity	395
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	POODAC	http://podaac.jpl.nasa.gov/	Sea surface salinity	396
CH6	Marine water	D025	Water column temperature and salinity	PSAL	Salinity of the water column		Salinity of the water column	ICES Oceanography	http://ecosystemdata.ices.dk/	OCEANOGRAPHY - temperature/salinity	397
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	PODAAC	http://podaac.jpl.nasa.gov/	PODAAC	398
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	NOAA CLASS	http://www.nsof.class.noaa.gov/saa/products/welcome	Sea Surface Temperature (100 KM Global) /50(Km)	399
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	REMSS (Remote Sensing Systems)	http://www.remss.com/	Optimally Interpolated ? Sea Surface Temperature product (OISST)?	400
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	HadISST	http://www.metoffice.gov.uk/hadobs/hadisst/	Hadley Centre's sea ice and sea surface temperature (SST) data set (HadISST)	401
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea - High Resolution and Ultra High Resolution L3S Sea Surface Temperature	402
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea High Resolution and Ultra High Resolution Sea Surface Temperature Analysis	403
CH6	Marine water	D025	Water column temperature and salinity	PSST	Skin temperature of the water column		Skin temperature of the water column	MYOCEAN	http://www.myocean.eu/	Global Ocean OSTIA Sea Surface Temperature and Sea Ice Reprocessed (1985-2007)	404
CH6	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 LCNSZZ01	Eastward current velocity in the water body Northward current velocity in the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Analysis and Forecast	405
CH6	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 LCNSZZ01	Eastward current velocity in the water body Northward current velocity in the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Reanalysis (1999-2011)	406
CH6	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 LCNSZZ01	Eastward current velocity in the water body Northward current velocity in the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea- In-Situ Temperature and Salinity Near Real Time Observations	407
CH6	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 LCNSZZ01	Eastward current velocity in the water body Northward current velocity in the water body	EMODNET Physics	http://www.emodnet.eu/physics	Currents	408
CH6	Marine water	D30	Currents	RFVL	Horizontal velocity of the water column (currents)	LCEWZZ01 LCNSZZ01	Eastward current velocity in the water body Northward current velocity in the water body	Perseus	http://isramar.ocean.org.il/perseus_data/Default.aspx	Cast database - Horizontal velocity in the water column	409
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	Perseus	http://isramar.ocean.org.il/perseus_data/	Cast database - temperature of the water column	410
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	SeaBASS	http://seabass.gsfc.nasa.gov/seabasscgi/search.cgi	SeaBASS (CTD) WT	419
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	SeaDataNet	http://www.seadatanet.org/	Temperature of the water column	420
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	European Ocean- Sea Surface Temperature Mono-Sensor L3 Observations	421
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	European Ocean- Sea Surface Temperature Multi-Sensor L3 Observations	422
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Analysis and Forecast	423
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea Physics Reanalysis (1999-2011)	424
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean Sea- In-Situ Temperature and Salinity Near Real Time Observations	425
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	MYOCEAN	http://www.myocean.eu/	Mediterranean- In-situ Observations Yearly Delivery in Delayed Mode (1990-2011)	426
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	EMODNET Physics	http://www.emodnet.eu/physics	Sea Water Temperature	427
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	Bousssole	http://www.obs-vlfr.fr/Bousssole/html/home/home.php	Buoy/ cruise - temp/wt	428
CH6	Marine water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	TEMPPR01	Temperature of the water body	ICES Oceanography	http://ecosystemdata.ices.dk/	OCEANOGRAPHY -temperature/Salinity	429

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CH7	Biota	B020	Fish	FATX	Fish abundance in water bodies		Eels abundance	FAO capture and aquaculture database (to be detailed)	http://www.fao.org/home/en/	Unknown	430
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTOT	Dissolved total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] Total dissolved nitrogen concentrations in the water column'	EEA - EIONET	http://www.eea.europa.eu/data-and-maps/data/waterbase-rivers-9		431
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTOT	Dissolved total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] Total dissolved nitrogen concentrations in the water column'	EUROWATERNET	http://www.eea.europa.eu/publications/TECH07 ?		438
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTOT	Dissolved total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] Total dissolved nitrogen concentrations in the water column'	PANGAEA	http://www.awi.de/en/infrastructure/computing_and_data_centre/information_systems/pangaea/?0=		439
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTOT	Dissolved total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] Total dissolved nitrogen concentrations in the water column'	WISE	http://www.wise-rtd.info/en	Unknown	440
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTOT	Dissolved total and organic nitrogen concentrations in the water column	MDMAP013	Concentration of nitrogen (total) per unit volume of the water body [particulate >unknown phase] Total dissolved nitrogen concentrations in the water column'	EMODNET Chemistry	http://www.emodnet.eu/chemistry		441
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	EEA - EIONET	http://www.eea.europa.eu/data-and-maps/data/waterbase-rivers-9	EIONET- River flow - Water base rivers	442
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	EUROWATERNET	http://www.eea.europa.eu/publications/TECH07 ?		449
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	SESAME	http://www.sesame-ip.eu/		450
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	PANGAEA	http://www.awi.de/en/infrastructure/computing_and_data_centre/information_systems/pangaea/?0=		451
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	WISE	http://www.wiser.eu/ ?	Unknown	452
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	EMODNET Chemistry	http://www.emodnet.eu/chemistry		453
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	NTRA	Nitrate concentration parameters in the water column		Nitrate concentration in filtered sample (dissolved phase) of the water column'	MEDAR MEDATLAS Database	http://www.ifremer.fr/medar/		454
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	EEA - EIONET	http://www.eea.europa.eu/data-and-maps/data/waterbase-rivers-9		455
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	EUROWATERNET	http://www.eea.europa.eu/publications/TECH07 ?		456
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	SESAME	http://www.sesame-ip.eu/		457
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	PANGAEA	http://www.awi.de/en/infrastructure/computing_and_data_centre/information_systems/pangaea/?0=		458
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	WISE	http://www.wise-rtd.info/en	Unknown	459
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	EMODNET Chemistry	http://www.emodnet.eu/chemistry		460
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	PHOS	Phosphate concentration parameters in the water column		Phosphate concentration in filtered sample (dissolved phase) of the water column'	MEDAR/MEDATLAS	http://www.ifremer.fr/medar/		461

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CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	SESAME	http://www.sesame-ip.eu/		462
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	EMODNET Physics	http://www.emodnet-physics.eu/		467
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	GRDC (Global Runoff Data Centre database)	http://www.bafg.de/GRDC/EN/Home/homepage_node.html		468
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	RIVDIS	http://daac.ornl.gov/RIVDIS/rivdis.shtml		469
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	Med-Hycos	http://medhycos.mpl.ird.fr/en/t1.ovei&gn=pro.inc&menu=projectimp.inc.html		470
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	Water Programme Directory	http://www.iucn.org/about/work/programmes/water/water_about_water_prog/		471
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	CISL Research Data Archive	http://rda.ucar.edu/		472
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	Water Systems Analysis Group (WSAG)	http://www.wsag.unh.edu/		473
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	MARBEF	http://www.marbef.org/data/imis.php?module=dataset&show=searchfrm		474
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	HyMeX	http://www.hymex.org/		475
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	NAUSICAA	http://www.ifremer.fr/nausicaa2/marcoast		476
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	CSDMS (Community Surface Dynamics Modeling System)	http://csdms.colorado.edu/wiki/About_CSDMS		477
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	ISPRA	http://ec.europa.eu/dgs/jrc/index.cfm?id=6450		478
CH7	Fresh water	D30	Currents	RVDS	River flow and discharge	RFDSCH01	Riverine discharge of water	FRIEND	http://www.unesco.org/new/en/natural-sciences/environment/water/ihp/ihp-programmes/friend/		479
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	TDPX	Dissolved total or organic phosphorus concentration in the water column		Total dissolved phosphorus concentration in the water column*	EEA - EIONET	http://www.eea.europa.eu/data-and-maps/data/waterbase-rivers-9	EIONET- River flow - Water base rivers	480
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	TDPX	Dissolved total or organic phosphorus concentration in the water column		Total dissolved phosphorus concentration in the water column*	EUROWATERNET	http://www.eea.europa.eu/publications/TECH07 ?		481
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	TDPX	Dissolved total or organic phosphorus concentration in the water column		Total dissolved phosphorus concentration in the water column*	PANGAEA	http://www.awi.de/en/infrastructure/computing_and_data_centre/information_systems/pangaea/?0=		486
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	TDPX	Dissolved total or organic phosphorus concentration in the water column		Total dissolved phosphorus concentration in the water column*	WISE	http://www.wise-rtd.info/en		487
CH7	Fresh water	C005	Carbon, nitrogen and phosphorus	TDPX	Dissolved total or organic phosphorus concentration in the water column		Total dissolved phosphorus concentration in the water column*	EMODNET Chemistry	http://www.emodnet.eu/chemistry		488
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	SESAME	http://www.sesame-ip.eu/		489
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	EMODNET Physics	http://www.emodnet-physics.eu/		495
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	Med-Hycos	http://medhycos.mpl.ird.fr/en/t1.ovei&gn=pro.inc&menu=projectimp.inc.html		496
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	Water Programme Directory	http://www.iucn.org/about/work/programmes/water/water_about_water_prog/		497
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	MEDAR/MEDATLAS	http://www.ifremer.fr/medar/		498
CH7	Fresh water	D025	Water column temperature and salinity	TEMP	Temperature of the water column	PSSTZZ01	Temperature of the water body	HyMeX	http://www.hymex.org/		499

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CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	EMODNET Biology	http://www.emodnet-biology.eu/	500
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	EMODNET Physics	http://www.emodnet-physics.eu/	512
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	FAO World River Sediment Yields	http://www.fao.org/nr/water/aquastat/catalogues/index2.stm	513
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	Water Programme Directory	http://www.iucn.org/about/work/programmes/water/wp_about_water_prog/	514
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	MARBEF	http://www.marbef.org/data/mis.php?module=dataset&show=searchfrm	515
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	CoastColour	http://www.coastcolour.org/products.html	516
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	MYOCEAN	http://www.myocean.eu/	517
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	HyMeX	http://www.hymex.org/	518
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	NAUSICAA	http://www.ifremer.fr/nausicaa2/marcoast	519
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	Community Surface Dynamics Modeling System (CSDMS)	http://csdms.colorado.edu/wiki/About_CSDMS	520
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	European Sediment Network (SedNet)	http://www.sednet.org/	521
CH7	Fresh water	G015	Suspended particulate material	TSED	Concentration of suspended particulate material in the water column	TSEDZZZZ	Concentration of suspended particulate material {SPM} per unit volume of the water body	FRIEND	http://www.unesco.org/new/en/natural-sciences/environment/water/lhp/lhp-programmes/friend/	522

