

NEII National Environmental Monitoring Sites Register - Tracker	Operator/ Aggregator Agency	Domain	- # of sites	NEMSR Status	Allocated Network ID
Australian Ground Cover Reference Sites Database	DAWR	Land	507	●	7
Australian Institute of Marine Science Automatic Weather Stations	AIMS	Air	18		
ATWS Coastal Sea-Level Monitoring Network	BOM	Oceans	44		
ATWS Deep Ocean Sea-Level Network	BOM	Oceans	6		
ATWS Sea-Level Observing System	BOM	Air	52		
Australian Baseline Sea-Level Monitoring Array	BOM	Oceans	16		
Australian Climate Observations Reference Network - Surface Air Temperature (ACORN-SAT)	BOM	Air	120	●	4
Australian Network of Hydrologic Reference Stations	BOM	Water	-		
Cape Grim baseline air monitoring station	BoM	Air	-		
Global Sea-Level Observing System (Australian network)	BOM	Oceans	12		
GPATS Lightning Detection Network	BOM	Air	40		
Groundwater monitoring sites	BOM	Water	800,000		
Solar and terrestrial radiation network	BOM	Air	21	●	5
Water Data Online (Streamflow network)	BOM	Water	3374	●	6
Water storage	BOM	Water	-		
Wave buoys (network)	BOM	Oceans	31		
Upper Air Network	BOM	Air	50	●	25
Automatic Weather Stations (official AWS)	BOM	Air	612	●	36
Rainfall radars	BOM	Air	58	●	14
Ozone	BoM	Air	4		
Wind Profiler Network	BOM	Air	10		
Australian Voluntary Observing Fleet (Network)	BOM, IMOS	Oceans	62		
National Ground Water Information System	BOM	Water	-		
Australian Soil Resource Information System	CSIRO	Land	-		
Acoustic Pressure	GA	Land	5	●	2
Australian Regional and South Pacific Regional Global Navigation Satellite System Networks	GA	Land	-		
National geomagnetic observatories	GA	Land	10	●	3
National Seismic Network	GA	Land	117	●	1
Tsunami	BOM	Oceans	-		
Great Barrier Reef Marine Park Sightings network	GBRMPA	Oceans	-		
Ocean Radar Network (physics)	IMOS	Oceans	7	●	12
Acoustic tracking (physics)	IMOS	Oceans	112 sites		
Animal Tracking network (physics, biology)	IMOS	Oceans	-		
Argo Network (physics and some chemistry)	IMOS	Oceans	827		
Autonomous Underwater Vehicle network (physics, biology)	IMOS	Oceans	10 locations		
Biologging (physics)	IMOS	Oceans	111 animals		
Calibration/Validation Network. (SST - physics, altimetry - physics, ocean colour – chemistry)	IMOS	Oceans	16 vessels (see SOOP below), 4 sites, 1 site, 2 vessels (biooptical)	●	23
Deepwater Moorings (physics)	IMOS	Oceans	23	●	10
National Mooring Network - shelf moorings (physics, biogeochemistry, biology)	IMOS	Oceans	55	●	11
National Reference Stations (physics, biogeochemistry, biology)	IMOS	Oceans	9	●	17
Acidification Moorings (physics, chemistry)	IMOS	Oceans	4	●	18
Ocean Glider network (physics, biogeochemistry)	IMOS	Oceans	27 platforms		
Acoustic Observatories	IMOS	Oceans	6	●	19
Satellite Remote Sensing (physics, chemistry)	IMOS	Oceans			
Satellite tracking (physics)	IMOS	Oceans	297 animals		
Shelf Arrays (physics)	IMOS	Oceans	47		
Ship of Opportunity network (physics, biology, air-sea exchange)	IMOS	Oceans	77 vessels		
Wireless Sensor Network (physics)	IMOS	Oceans	7	●	13
Phytoplankton Monitoring Sites	MDBA	Water	14	●	16
Australian Superites Network	TERN	Land	14	●	9
Australian Transect Network	TERN	Land	7		
Long Term Ecological Research Network (LTERN)	TERN	Land	12	●	
OzFlux network	TERN	Air	27	●	8
AusPollen	AusPollen	Air	17	●	24
Sea Level /Tidal	BoM	Oceans	-		
UV Radiation	ARPANSA	Air	11		
Macroinvertebrate Monitoring Network	MDBA	Water	32	●	15
Fish Survey Network	MDBA	Water	146 tbc	●	20
Waterbird Survey	MDBA	Water	TBC	●	34
Sustainable Rivers Audit	MDBA	Water	TBC	●	35
Ruppia tuberosa Monitoring Network - Southern Coorong	MDBA	Water	27	●	21
Shorebird Monitoring Network	MDBA	Water	1058	●	22
Air Quality Monitoring Network (NSW)	BoM	Air	24	●	27
Air Quality Monitoring Network (VIC)	BoM	Air	19	●	28
Air Quality Monitoring Network (ACT)	BoM	Air	3	●	26
Air Quality Monitoring Network (SA)	BoM	Air	13	●	29
Air Quality Monitoring Network (QLD)	BoM	Air	53	●	
Air Quality Monitoring Network (WA)	BoM	Air	13	●	
Air Quality Monitoring Network (TAS)	BoM	Air	4	●	
Air Quality Monitoring Network (NT)	BoM	Air	TBC	●	
WMO centennial network (observations from stations 100years and over)	WMO (BoM)	Land	TBC		
WMO OSCAR surface observations	WMO (BoM)	Land	TBC		
Marine Protected Areas Monitoring	DoEE	Oceans	TBC		
Southern Hemisphere Atmospheric Chemistry Network	Uni of Melb	Air	TBC	●	

NEMSR Status	Total
● Operational in NEMSR	27
● In progress	9
● Under active consideration for onboarding	2
Last Updated	19-Mar-18