






A listing of the commercially available remote sensors of their: data type, sensor (platform), spatial scale, extent (GRE), resolution (spectral & radiometric & temporal), frequency (time of day), source/cost and archive. See for more details: on airborne and satellite sensors also: <http://database.eohandbook.com/database/instrumenttable.aspx>, and under water acoustic sensors: http://www.ozcoasts.org.au/geom_geol/toolkit/technical.jsp#aeos

Platform		Sensor	Spatial Scales - extent - pixel size	Spectral Resolution and Range	Radiometric Resolution	Temporal Resolution - repeat frequency - time of acquisition	Source(s) for Data	Cost (Indicative only and subject to change. Additional costs may be applicable)	Archives of Data
Low spatial resolution multi spectral	 	SPOT VMI NOAA AVHRR	Coarse: (region) Extent: 2500km wide GRE: 1km	> 100 nm Medium range: 400-2500nm 10um-12.5um #Bands: 4	High: 10 bit (1024 levels)	morning 2 days morning, evening each day	Direct	See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	http://noaasis.noaa.gov/
		SeaWiifs (OrbView-2 or SEASTAR)	Coarse: (region) Extent: 2200km wide GRE: 1km	> 50 nm Medium range: 400-885nm #Bands: 8		morning each day	Direct	See image provider	http://oceancolor.gsfc.nasa.gov/
Low spatial resolution high spectral	 	MODIS	Coarse: (region) Extent: 2300km wide GRE: 250m (2 bands), 500m (5 bands), 1km (29 bands)	> 100 nm High range: 400-14400nm #bands: 36	High: 12 bit (512 levels)	1-2 days Terra (morning) Aqua (evening)	Direct	See image provider	http://modis.gsfc.nasa.gov/gallery/
		MERIS	Coarse: (region) Extent: 2500km wide GRE: 300m	> 100 nm High range: 390-1040nm #bands: 15	High: 10 bit (1024 levels)	3 days	Direct http://envisat.esa.int/instrument/meris/	See image provider	Direct http://envisat.esa.int/instrument/meris/
Satellite Radar		QuikSCAT	Coarse: (region) Extent: 1800km wide Radar: 13.4 gigahertz, 110-watt pulse at 189-hertz PRF	Not applicable	Not applicable	1-2 days	Direct http://winds.jpl.nasa.gov/missions/quikscat/index.cfm	See image provider	Direct http://winds.jpl.nasa.gov/missions/quikscat/index.cfm