


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
Underwater Broad-scale acoustic Sensors	Single Beam (e.g. RoxAnn, QTC View or ECHOpus)	single point per depth measurement, area covered determined is determined by distance sailed by vessel.	Not applicable	Not applicable	User controlled (subject to weather and boat availability)	Various organisations See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	Not applicable
	 Sonar (e.g. Edgetech 272TD, Edgetech DF1000, CodaOctopus 460PX, Klein 3000)	Maximum coverage Sonar needs to be at height that is 10 to 20% of the swath width. For most 100khz systems maximum swath width is 600 m with maximum 0.15 resolution	Not applicable	Not applicable	User controlled (subject to weather and boat availability)	Various organisations See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	Not applicable
	Multibeam and swath sonar (e.g. Simrad EM 3000 and Reson SeaBat 8125)	Depending on water depth below sensor	Not applicable	Not applicable	User controlled (subject to weather and boat availability)	Various organisations See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	See also: http://www.ozcoasts.org.au/geom_geol/toolkit/index.jsp	Not applicable