

Title	Estuarine Vegetation, Botany Bay 1998. VIS_ID 4133
Alternative title(s)	BotanyBayEstuarineVeg1998_E_4133
Abstract	<p>Coverage showing the distribution of seagrass, mangrove and saltmarsh Botany Bay derived from recent aerial photographs.</p> <p>Aerial photographs from 1995 at 1:16 000 scale were used to map mangrove, saltmarsh and seagrass in Botany Bay. Vegetation boundaries were digitised from images created by scanning and rubbersheeting the photographs with ground control points and were checked by field surveys undertaken in June and July 1998. The area of each vegetation type was calculated in IDRISI GIS software and recently transferred to ERDAS IMAGINE format.</p> <p>AMG coordinates obtained from a +/-1m DGPS and 1:10 000 orthophotomaps were used to resample classified images to a 2m grid with RMS errors of between 2.55 and 5.37 for individual images.</p> <p>Vegetation boundaries were identified on aerial photographs and the boundaries were confirmed in the field and the species identification checked. Families or in some case species of vegetation were mapped in the following categories: <i>Zostera capricorni</i>, Sparse <i>Zostera</i>, <i>Posidonia australis</i>, Mixed <i>Posidonia</i> (indicating presence of <i>P. australis</i> and <i>Z. capricorni</i> and/or <i>Halophila</i> spp.), Mixed <i>Halophila</i> (indicating presence of <i>Halophila</i> spp and <i>Z. capricorni</i> and/or <i>P. australis</i> which occurs on the southern shore only.) saltmarsh (all species combined), mangroves (all species combined) and Kelp (all species combined). Kelp was mapped incidentally and does not represent the full extent of this group of aquatic plants within Botany Bay.</p> <p>All cells within the Grid are coded for the given attributes.</p> <p>Classification to species level is complete for seagrass only. Kelp was mapped incidentally and does not represent the full extent of this group of aquatic plants within Botany Bay.</p> <p>Similar data was collected and mapped in 1985 in nondigital format and published in West, R.J., Thorogood, C.A. Walford, T.R. and Williams, R.J. (1985) An estuarine inventory for New South Wales, Australia. N.S.W. Department of Agriculture, Fisheries Bulletin No. 2, 140 pp.</p> <p>VIS_ID 4133</p>
Resource locator	
Data Quality Statement	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for Estuarine Vegetation, BotanyBay, 1998. VIS_ID 4133</p> <p>Function: download</p>
Vegetation BotanyBayEstuarineVeg1998 4133	<p>Name: Vegetation BotanyBayEstuarineVeg1998 4133</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Function: download</p>
Report	<p>Name: Report</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Report (PDF)</p> <p>Function: download</p>
Unique resource identifier	
Code	6abe788c-4462-42d0-92df-7516332af730

Presentation form	Map digital
Edition	unknown
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/6abe788c-4462-42d0-92df-7516332af730
Purpose	To support the monitoring of change in seagrass distribution in Botany Bay.
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Watford, F.A. and Williams, R.J. (1998) Inventory of Estuarine Vegetation in Botany Bay, With Specific Reference to Change in the Distribution of Seagrass. NSW Fisheries Research Institute, Cronulla.
Topic category	

Keyword set	
keyword value	VEGETATION FLORA
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	151.12412
East bounding longitude	151.24743
North bounding latitude	-34.041021
South bounding latitude	-33.95685
Vertical extent information	
Minimum value	-100
Maximum value	2228
Coordinate reference system	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
Temporal extent	
Begin position	1990-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/dcceew
Responsible party role	pointOfContact
Lineage	Vegetation boundaries digitised via API based on aerial photographs (1995) at 1:16 000 scale. Boundaries checked by field surveys undertaken in June and July 1998.
Limitations on public access	

Responsible party

Contact position	Data Broker
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Metadata language