

Title	NSW Blue Carbon Preservation for long term sequestration
Abstract	<p>Preservation is defined as the capacity for coastal blue carbon decomposition to be inhibited due to saline anaerobic conditions, and for long-term sequestration within soils. Fine-grained sediments typical of alluvial floodplains, fluvial deltas and to some extent estuarine floodplains will inhibit decomposition more than sandy coastal barrier sediments (Saintilan et al., 2013) and carbon will be more concentrated in these regions. Due to significant decline in hydrodynamic energy as tributaries enter estuaries, fluvial deltas are composed predominantly of finer grain sizes (although pro-delta and delta fronts may have highly variable grain sizes) yet are influenced by tidal inundation resulting in saline conditions ideal for ongoing preservation of stored carbon. Coastal barrier sediments that are typically dominated by sands store less carbon due to greater oxidation of sediments (Kelleway et al., 2016) and in some locations, frequent reworking.</p> <p><i>Saintilan, N., Rogers, K., Mazumder, D., and Woodroffe, C. (2013). Allochthonous and autochthonous contributions to carbon accumulation and carbon store in southeastern Australian coastal wetlands. Estuarine, Coastal and Shelf Science 128, 84-92.</i></p>
Resource locator	<p>Show on SEED Web Map Name: Show on SEED Web Map Protocol: WWW:DOWNLOAD-1.0-http--download Description: Display dataset on SEED's map Function: download</p> <p>NSW Blue Carbon Preservation for long term sequestration Name: NSW Blue Carbon Preservation for long term sequestration Protocol: WWW:DOWNLOAD-1.0-http--download Description: NSW Blue Carbon Preservation for long term sequestration - DQS Function: download</p> <p>Metadata statement Name: Metadata statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: ANZLIC Metadata statement for NSW Blue Carbon Preservation for long term sequestration Function: download</p> <p>NSW Blue Carbon Preservation for longterm sequestration Name: NSW Blue Carbon Preservation for longterm sequestration Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data Package for NSW Blue Carbon Preservation for longterm sequestration. Includes tif, shp and lyr file. Function: download</p> <p>WMS - NSW Blue Carbon Preservation for Long Term Sequestration Name: WMS - NSW Blue Carbon Preservation for Long Term Sequestration Protocol: WWW:DOWNLOAD-1.0-http--download Description: Connect to WMS Function: download</p>
Unique resource identifier	
Code	a1a6a640-13d2-49cc-a874-b48732782434

Presentation
form

Dataset
language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/a1a6a640-13d2-49cc-a874-b48732782434>

Spatial representation

Type vector

Spatial reference system

Code
identifying the
spatial
reference
system 4283

Topic category

Keyword set	
keyword value	
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	149.694555
East bounding longitude	153.687131
North bounding latitude	-37.541561
South bounding latitude	-28.13715
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	2020-05-16
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Unknown
Contact info	
Contact position	Data Broker
Organisation name	Department of Primary Industries and Regional Development (DPIRD)
Responsible party role	pointOfContact
Limitations on public access	
Responsible party	
Contact position	Data Broker
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Metadata point of contact

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