

Title	NSW Blue Carbon Permanency in Belowground Sediments
Abstract	<p>Permanency is defined as the capacity for carbon to be preserved and not reworked under conditions of higher hydrodynamic energy associated with storms and changes to tidal regimes. The permanency of carbon within substrates has been questioned (DeLaune and White, 2012; Kirwan and Mudd, 2012), particularly in the context of increased storminess. This component does not specifically indicate retreat pathways for coastal ecosystems as they respond to sea-level rise. Lower elevations on estuarine shorelines may be exposed to greater hydrodynamic energy due to fetch and wave-action, whilst coastal barrier sediments are more exposed to high wave energy of the open ocean; the exposure of these sediments to higher hydrodynamic energy increases the probability of reworking and poses considerable risk to carbon permanency.</p> <p><i>DeLaune, R., and White, J. (2012). Will coastal wetlands continue to sequester carbon in response to an increase in global sea level?: a case study of the rapidly subsiding Mississippi river deltaic plain. Climatic Change 110, 297-314.</i></p> <p><i>Kirwan, M.L., and Mudd, S.M. (2012). Response of salt-marsh carbon accumulation to climate change. Nature 489, 550-553.</i></p>
Resource locator	
Show on SEED Web Map	<p>Name: Show on SEED Web Map</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Display dataset on SEED's map</p> <p>Function: download</p>
NSW Blue Carbon Permanency in Belowground Sediments	<p>Name: NSW Blue Carbon Permanency in Belowground Sediments</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>NSW Blue Carbon Permanency in Belowground Sediments - DQS</p> <p>Function: download</p>
Metadata statement	<p>Name: Metadata statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>ANZLIC Metadata statement for NSW Blue Carbon Permanency in Belowground Sediments</p> <p>Function: download</p>
NSW Blue Carbon Permanency in Belowground Sediments	<p>Name: NSW Blue Carbon Permanency in Belowground Sediments</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Dataset Package for NSW Blue Carbon Permanency in Belowground Sediments. Includes tif, shp and lyr file.</p> <p>Function: download</p>
WMS - NSW Blue Carbon Permanency in Belowground Sediments	<p>Name: WMS - NSW Blue Carbon Permanency in Belowground Sediments</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Connect to WMS</p> <p>Function: download</p>
Unique resource identifier	

Code 0eb0efb6-03bb-4d7c-804c-6e8ff6069edf

Presentation form

Dataset language English

Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/0eb0efb6-03bb-4d7c-804c-6e8ff6069edf>

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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Responsible party role	pointOfContact

Metadata point of contact

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Metadata date 2022-05-16T02:23:35.895557

Metadata language