

Title	NSW Blue Carbon Generation from existing mangroves and saltmarsh
Abstract	<p>Generation is defined as the capacity for existing mangrove forests and saltmarshes to contribute to carbon additionality from living biomass, dead organic material, and soil organic carbon. Several studies indicate that carbon addition is greater in mangrove forests than saltmarshes (Chmura et al., 2003; Pendleton et al., 2012), and this is likely due to greater height and biomass of mangroves compared to herbaceous saltmarsh vegetation. In NSW where both ecosystems occur, mangroves forests typically occupy lower positions within the tidal frame than saltmarshes, and their distribution can be defined based on elevation and hydroperiod (Hughes et al., 2019). Additionally, preservation of soil organic carbon within the contemporary range of mangroves has been found to be greater within fine grained sediments of fluvial origin than sandy coastal barrier sediments.</p> <p><i>Chmura, G.L., Anisfeld, S.C., Cahoon, D.R., and Lynch, J.C. (2003). Global carbon sequestration in tidal, saline wetland soils. Global Biogeochem. Cycles 17, 1111.</i></p> <p><i>Pendleton, L., Donato, D.C., Murray, B.C., Crooks, S., Jenkins, W.A., Sifleet, S., Craft, C., Fourqurean, J.W., Kauffman, J.B., Marbà, N., Megonigal, P., Pidgeon, E., Herr, D., Gordon, D., and Baldera, A. (2012). Estimating Global “Blue Carbon” Emissions from Conversion and Degradation of Vegetated Coastal Ecosystems. PLoS ONE 7, e43542.</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 Generation from existing mangroves and saltmarsh	<p>Name: NSW Blue Carbon Generation from existing mangroves and saltmarsh</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>NSW Blue Carbon Generation from existing mangroves and saltmarsh - 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 Generation from existing mangroves and saltmarsh</p> <p>Function: download</p>
NSW Blue Carbon Generation from existing mangroves and saltmarsh	<p>Name: NSW Blue Carbon Generation from existing mangroves and saltmarsh</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data Package - NSW Blue Carbon Generation from existing mangroves and saltmarsh. Includes tif, shp and lyr file.</p> <p>Function: download</p>
WMS - NSW Blue Carbon Generation from existing Mangroves & Saltmarsh	<p>Name: WMS - NSW Blue Carbon Generation from existing Mangroves & Saltmarsh</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	6a2e591e-31a0-4cc0-9f5e-48c2b8268628
Presentation form	
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/6a2e591e-31a0-4cc0-9f5e-48c2b8268628
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
Organisation name	Department of Primary Industries and Regional Development (DPIRD)
Responsible party role	pointOfContact

Metadata point of contact	
Contact position	Data Broker
Organisation name	Department of Primary Industries and Regional Development (DPIRD)
Responsible party role	pointOfContact
Metadata date	2022-05-16T02:24:31.868433
Metadata language	