Title NSW Blue Carbon Compatibility under 2017 Landuse

Abstract

Human activities in coastal landscapes also exert both direct and indirect pressures on blue carbon (McLeod et al., 2011). Rogers et al. (2019) accounted for this pressure using land-use mapping, with the premise being that natural landscapes are more compatible with storage, preservation, and generation of blue carbon, whilst intensive land-use activities are less compatible. They proposed that this approach partly accounts for socio-economic factors that influence blue carbon. In this study, 2017 land-use mapping was reclassified based on perceived present-day compatibility with blue carbon to generate a blue carbon compatibility (BCC) raster dataset.

McLeod, E., Chmura, G.L., Bouillon, S., Salm, R., Björk, M., Duarte, C.M., Lovelock, C.E., Schlesinger, W.H., and Silliman, B.R. (2011). A blueprint for blue carbon: toward an improved understanding of the role of vegetated coastal habitats in sequestering CO2. Frontiers in Ecology and the Environment 9, 552-560.

Rogers, K., Macreadie, P.I., Kelleway, J.J., and Saintilan, N. (2019b). Blue carbon in coastal landscapes: a spatial framework for assessment of stocks and additionality. Sustainability Science 14, 453-467.

Resource locator

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

NSW Blue Carbon Compatibility under 2017 Landuse Name: NSW Blue Carbon Compatibility under 2017 Landuse

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

NSW Blue Carbon Compatibility under 2017 Landuse - DQS

Function: download

Metadata statement Name: Metadata statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

ANZLIC Metadata statement for NSW Blue Carbon Compatibility under 2017 Landuse

Function: download

NSW Blue Carbon Compatibility Name: NSW Blue Carbon Compatibility

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data Package for NSW Blue Carbon Compatibility. Includes tif, shp and lyr file.

Function: download

WMS - NSW Blue Carbon Compatibility under 2017

Landuse

Name: WMS - NSW Blue Carbon Compatibility under 2017 Landuse

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Connect to WMS

Function: download

Unique resource identifier

Code 801f6a19-27e4-457f-b0ad-15e5eddb56a4

Presentation form		
Dataset language	English	
Metadata standard		
Name	ISO 19115	
Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/801f6a19-27e4-457f-b0ad-15e5eddb56a4	
Spatial representation		
Туре	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 refer	
system	5/11
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 Depa	artment of Primary Industries and Regional Development (DPIRD)
Responsible party role point	tOfContact

Metadata point of contact		
Contact position	Data Broker	
Organisation name	Department of Primary Industries and Regional Development (DPIRD)	
Responsible party role	pointOfContact	
Metadata date	2022-05-16T02:24:45.893202	
Metadata language		