

Title	Soil Carbon Accounts - Experimental Account for NSW
Abstract	<p>This data cube presents accounts for Soil Organic Carbon (SOC) stocks and flows in New South Wales. These accounts form part of the Natural Capital Markets and Accounts branch Soil Ecosystem Services theme, which currently includes a Soil Organic Carbon physical stock account (SOC storage), and a Soil Organic Carbon physical flow account (SOC sequestration). These accounts are intended to help policy makers identify where to implement programs to maintain stocks of soil organic carbon and to increase carbon sequestration, as part of the NSW NetZero Plan. As well as accounts for physical stocks and flows, this suite of accounts includes a linked socio-economic profile. This profile comprises socio-economic information for ABS Statistical Area 2 (SA2) geographies for NSW and provides information on the socio-economic structure of the local economy of each SA2 and its major types of economic activity. The socio-economic profile is intended to help account users identify the economic activities and related land uses in each SA2 which may affect the extent and condition of the SOC stocks shown in the accounts.</p> <p>How to use this report</p> <p>All the accounts in this data cube are linked to a common spatial source based on ABS Statistical Areas and the different land uses of NSW. This means that the accounts can be filtered by each region using the top right-hand side filters on each page. A combination of outputs from each account can show us, for example, the stock of Soil Organic Carbon under different land uses, and its potential increase in 20 years under policies that generate a relative increase in vegetation by 10%.</p> <p>What kind of policy questions was this account designed to answer?</p> <ul style="list-style-type: none"> • Where should policy efforts be focused to maintain NSW Soil Organic Carbon (SOC) stocks? • What are the major land uses in areas with SOC stocks? • Which areas have the potential to increase SOC sequestration through alternative land management practices? • What land uses occur in regions that have a high potential for increasing SOC sequestration? • Which activities in NSW regional economies may be affecting the extent and condition of SOC stocks and the rate of sequestration?
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 Soil Carbon Accounts - Experimental Account for NSW</p> <p>Function: download</p>
Unique resource identifier	
Code	3bef99ec-5449-44ff-89c1-7c4af7bc2b80
Presentation form	Model digital
Edition	1.0
Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3bef99ec-5449-44ff-89c1-7c4af7bc2b80

Purpose	Decision Support
Status	On going
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Topic category	

Keyword set	
keyword value	SOIL
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	140.840895
East bounding longitude	154.208265
North bounding latitude	-37.49084
South bounding latitude	-28.36079
NSW Place Name	New South Wales
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	2021-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Irregular
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
Limitations on public access	

Responsible party

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