Title

Abstract

Greater Sydney Canopy Access 2022

The Greater Sydney Canopy Access 2022 dataset provides information on community access to tree canopy cover in Greater Sydney. It enables quick reference to localised canopy cover and identification of local areas of low or high tree canopy cover to target policy interventions and projects. It can be used to prioritise action to achieve equitable access to the benefits of canopy and trees for the community.

The dataset was created to enable broad availability and use of the Greater Sydney Region Tree Canopy 2022 Dataset. It consists of vegetation cover (i.e. canopy cover and green cover) in hexagonal vector grid format, for each Local Government Area in Greater Sydney and the whole Greater Sydney Region. It is derived from a height stratified vegetation cover dataset (i.e. Greater Sydney Region Tree Canopy 2022) acquired by ArborCarbon over Greater Sydney at 16,000ft AGL from fixed wing aircraft between 3 October 2022 and 20 February 2023.

In the dataset, "tree canopy" is classified as all vegetation greater than 3m. "All vegetation" includes vegetation, including tree canopy, greater than 0m. Note: due to data limitations, not all grass areas have been identified in their entirety.

The dataset can be used to understand community access to canopy at the local scale. It should not be used to calculate canopy cover at Local Government Area (LGA) or suburb scale. Summary statistics for canopy cover at these scales is available on the NSW Government SEED portal (see methodology report).

The hexagon cells at the edge of capture area may not accurately reflect the canopy cover on the ground because the canopy cover was calculated across the whole hexagon and not just the part of the hexagon that canopy was recorded in.

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

Data Quality Statement Name: Data Quality Statement

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

Description:

Data quality statement for Greater Sydney Canopy Access 2022

Function: download

Methodology report - 2022 Greater Sydney Canopy Access Dataset Name: Methodology report - 2022 Greater Sydney Canopy Access Dataset

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

Description:

Methodology for development of 2022 Greater Sydney Canopy Access Dataset

Function: download

Greater Sydney
Region

Name: Greater Sydney Region

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

Description:

Shapefile download package for the Greater Sydney Region - GDA2020 & GDA94

Function: download

<u>LGAs - B</u> Name: LGAs - B

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

Description:

Shapefile download package - Bayside, Blacktown, Blue Mountains, Burwood - GDA94

and GDA2020

Function: download

<u>LGAs - C</u> Name: LGAs - C

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

Description:

Shapefile download package - Camden, Campbelltown, Canada Bay, Canterbury

Bankstown, Cumberland - GDA94 and GDA2020

Function: download

LGA - F-I Name: LGA - F-I

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

Description:

Shapefile download package - Fairfield, Georges River, Hawksbury, Hornsby, Hunters

Hill, Inner West GDA94 and GDA2020

Function: download

LGA - K-M Name: LGA - K-M

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

Description:

Shapefile download package - Ku-ring-gai, Lane Cove, Liverpool, Mosman - GDA94 and

GDA2020

Function: download

<u>LGA - N-P</u> Name: LGA - N-P

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

Description:

Shapefile download package - North Sydney, Northern Beaches, Parramatta, Penrith -

GDA94 and GDA2020

Function: download

LGA - R-S Name: LGA - R-S

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

Description:

Shapefile download package - Randwick, Ryde, Strathfield, Sutherland, Sydney - GDA94

and GDA2020

Function: download

<u>LGA - T-W</u> Name: LGA - T-W

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

Description:

Shapefile download package - The Hills, Waverley, Willoughby, Wollondilly, Woollahra -

GDA94 and GDA2020

Function: download

Esri REST Service

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

Description: REST Service

Function: download

Unique resource identifier

Code	1aacf341-945d-4392-b53d-9d266468963f	
Presentation form	Map digital	
Edition	1	
Dataset language	English	
Metadata standard		
Name	ISO 19115	
Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/1aacf341-945d-4392-b53d-9d266468963f	
Purpose	Tree canopy planning and management	
Status	Completed	
Spatial representation		
Туре	vector	
Spatial reference system		
Code identifying the spatial reference system	4283	
Spatial resolution	48 cm	
Topic category	<i>y</i>	

Keyword set	
keyword value	VEGETATION-Structural
	HUMAN-ENVIRONMENT-Planning
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	150.16937
East bounding longitude	151.52
North bounding latitude	-34.48392
South bounding latitude	-33.46811
NSW Place Name	Greater Sydney Region
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	2022-03-10
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Not planned
Contact info	
Contact position	Data Broker
Organisation name	NSW Department of Planning, Housing and Infrastructure
Telephone number	131555
Email address	data.broker@environment.nsw.gov.au
Web address	https://www.nsw.gov.au/departments-and-agencies/department-of-planning-housing-and-infrastructure
Responsible party role	pointOfContact
Lineage	TBC

Responsible party **Contact position** Data Broker NSW Department of Planning, Housing and Infrastructure Organisation name Telephone number 131555 Email address data.broker@environment.nsw.gov.au Web address https://www.nsw.gov.au/departments-and-agencies/department-of-planning-housing-andinfrastructure Responsible party pointOfContact role Metadata point of contact **Contact position** Data Broker Organisation name NSW Department of Planning, Housing and Infrastructure Telephone number 131555 Email address data.broker@environment.nsw.gov.au Web address https://www.nsw.gov.au/departments-and-agencies/department-of-planning-housing-andinfrastructure Responsible party pointOfContact role Metadata date 2025-04-22T05:39:11.489811

Metadata language