Title	The Native Vegetation of the Sydney Metropolitan Area (OEH, 2013), Version 2.0 - VIS_ID 3817
Alternative title(s)	SydneyMetroArea_v2_0_2013_E_3817
Abstract	This layer contains digital mapping of the native vegetation communities of the Sydney Metropolitan area. Vegetation communities have been derived from the analysis of 2200 floristic sites collated for the study area. Identified vegetation communities have been related to currently listed threatened ecological communities listed under the NSW TSC Act, 1995 and the Commonwealth EPBC Act, 1999. Native vegetation communities have been mapped using a combination of detailed image interpretation, relationships between sample sites and abiotic environmental variables. The derived digital data layer includes fields that describe the vegetation community, interpreted dominant species and understorey characteristics, interpretation confidence, disturbance type and severity, NSW vegetation formation and classes and related NSW Plant Community Types. These are described in detail in technical reports OEH (2013) The Native Vegetation of the Sydney Metropolitan Area. Volume 1: Technical Report. Version 2.0. Office of Environment and Heritage, Department of Premier and Cabinet, Sydney. VIS_ID 3817 These data (version 2.0) replaced the draft VIS dataset SydneyCMA_E_3817. Please note that version 2.0 has now been superseded by version 3.0 (VIS_ID 4489).

Resource locator

Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: DQS - Syd Metro Area v2.0 veg map Function: download
Sydney MetroArea 2013 v2 0 E 3817	Name: Sydney MetroArea 2013 v2 0 E 3817 Protocol: WWW:DOWNLOAD-1.0-http--download Description: Download Data Package Function: download

Unique resource identifier

Code	57281dbf-3ef9-4b27-82a2-40d192472c22
Presentation form	Map digital
Edition	2.0
Dataset language	English

Metadata standard

Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/57281dbf-3ef9-4b27-82a2-40d192472c22
Purpose	The purpose of the data is to provide a single detailed coverage of native vegetation

	communities in the Sydney metropolitan area using standardised vegetation classification. This classification is designed to relate to the objectives of the OEH vegetation information systems and to assist users with the assessment of threatened ecological communities listed under the NSW TSC Act and Commonwealth EPBC Act. It is designed to be used in conjunction with other sources on native vegetation in the study area including existing literature, field investigations and TEC determinations. Precautions are required when using TEC data and caveats noted in Volume 1 technical report (OEH 2013) should be noted.
Status	Under development
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Additional information source	Replaced by VIS_ID 4489. Ref: OEH (2013) The Native Vegetation of the Sydney Metropolitan Area. Volume 1 : Technical Report and Volume 2 Vegetation Community Profiles. Version 2.0. Office of Environment and Heritage, Department of Premier and Cabinet, Sydney.For information contact VIS@environment.nsw.gov.au
Topic category	

Keyword set

keyword value	BOUNDARIES-Biophysical ECOLOGY-Landscape FLORA-Native VEGETATION
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16

Geographic location

West bounding longitude	150.766353
East bounding longitude	151.342511
North bounding latitude	-34.269396
South bounding latitude	-33.54797

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	2007-08-01
End position	N/A

Dataset reference date

Resource maintenance

Maintenance and update frequency	As needed
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

Lineage

Linework was derived from a number of sources.

1. Woody/Non Woody cover boundaries were captured using 10cm

resolution digital RGB orthographic aerial photography flown in 2005 & 2007 by Sinclair Knight Mertz (provided by SMCMA), using Definiens Developer 7 (refer to Vol 1 for more details) and manually corrected where necessary. A review of the woody-non woody line work currency has been completed using 2011 conurbanation imagery (AAM Hatch,

2011) based on user feedback of 2009 draft to highlight change. Woody-non woody boundary for urban parts of Pittwater LGA is based on a modified coverage of linework completed by Bangalay Ecological and Bushfire and Eastcoast Flora Survey (2011). Areas of Duffys Forest in Warringah LGA are modified from Smith and Smith (2005).

1. Vegetation community boundaries are sourced from stereoscopic interpretation of ADS-40 digital imagery available for the Wollongong-Port Hacking, Penrith and Sydney 1:100 000 map sheets (LPI, 2007-2009). This was supplemented by interpretation of 10cm resolution

digital RGB orthographic aerial photography flown (AAM Hatch, 2011).

1. Vegetation community boundaries from existing digital data layers were included and modified where necessary using:

Sydney Harbour Foreshores - Allen et al. (2007). Sandstone foreshores, saltmarshes and wetlands >0.1hectare

Native Vegetation Warringah LGA - Smith and Smith (2005). Allenby Park, Manly Dam, Garigal NP and adjoining Crown lands, Duffys Forest

Native Vegetation of the Woronora and Metropolitan

Catchments - NPWS (2003b). Woronora and O'Hares Creek

catchments

Native Vegetation of the Northern Illawarra Escarpment -

NPWS (2002c). Helensburgh area

Draft Vegetation Mapping of Endangered Ecological

Communities in Ku-ring-gai LGA - Ku-ring-gai Council (2011). Shale plateau vegetation and adjoining shale sandstone environments

Estuarine Vegetation in the SMCMA - DPI (2009). Mangrove, saltmarshes and seagrass

Pittwater Vegetation Classification, Vegetation - Bangalay Ecological and Bushfire and Eastcoast Flora Survey (2011).

Contiguous vegetation coveronly

Limitations on public access

Scope	dataset

DQ Completeness Commission

Effective date	2001-01-01

DQ Completeness Omission

Effective date	2001-01-01
Explanation	Vegetation cover has been completed across all land tenures in the defined Sydney metropolitan study area. All polygons have been assigned attributes based on the fields described in Volume 1 of the Technical Report (OEH 2013)

DQ Conceptual Consistency

Explanation	Geometry Appropriateness: Vegetation communities are delineated as polygons, suitable for the intended interpretation at scales of 1:5000; Completeness ofAttributes: All fields have values entered, where appropriate; DomainValidation: Attribute domains are established; Consistency and Appropriate Attribute Value/ Precision: Quantitative attribution as text and integers(appropriate). Qualitative attribution used consistently. Record Duplication: No duplicates; Topological Relationship to Other Layers: Not applicable

DQ Topological Consistency

Explanation	Geometry Topology: Topology validation was performed with a tolerance of 0.5 metres and all subsequent gaps and overlapping polygons fixed. Topology is correct.

DQ Absolute External Positional Accuracy

Explanation	Woody-non Woody Precision: 2.3 metres (SD 3.4 metres) Determination: Measured independent assessment of 30 randomtransects using 269 sample points. Mapped linework compared to 2011 10cm orthorectified RGB digital imagery supplied for the Sydney Con-urbanation area (AAM Hatch 2011)

DQ Non Quantitative Attribute Correctness

Explanation	Accuracy of woody-non woody cover is 97.3% based on an independent assessment of 2000 random points in 20 randomly located grids. Assessment of vegetation community accuracy is limited to the assessment of the 2009 draft using a non stratified independently collected data set of 262 sample sites. Based on the trends of this result, this suggeststhat the map is at least 62.5% accurate within 50 metres of a sample point located on the ground and assessed using standard 400sqm sample and collecting full floristic data with cover abundance scores. It is assumed that based on the high numbers of samples, inclusion of new and revised mapping since the 2009 draft and user feedback the accuracy experience is likely to be higher. Attribute accuracy for non vegetation attributes has not been assessed but is assumed to be high based on an ad-hoc review of map data and digital imagery.

Responsible party

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

Metadata point of contact

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Responsible party role	pointOfContact

Metadata date

2024-02-26T12:44:02.523044

Metadata language