

Title	State Vegetation Type Map (SVTM) Modelling Grid Collection
Abstract	The SVTM Modelling Grid Collection refers to a suite of around 80 environmental layers that are used for species distribution modelling (SDM). Environmental layers comprise climate, terrain and soil variables for the state of NSW. Layers are used as covariates for the modelling of plant community types within NSW. Climate variables, such as annual temperature, precipitation, solar radiation and others are generated by ANUCLIM (Version 6.1 MTHCLIM module), and the Bureau of Meteorology, Gridded climate data (http://www.bom.gov.au/climate/averages/climatology/gridded-data-info/gridded-climate-data.shtml). ANUCLIM input includes a digital elevation model - the elevation model used for these climate surfaces was the 1 second smoothed DEMS from the Shuttle Radar Topographic Mission (SRTM DEM-S see Gallant et al. 2011). The same DEM was used to create topographic variables, such as slope, aspect, roughness and topographic position index. Soil variables, such as clay, sand, silt content, organic carbon, pH, total nitrogen, and others are products of the Soil and Landscape Grid of Australia's, Australia-wide Soil Attribute Maps (https://www.clw.csiro.au/aclep/soilandlandscapegrid/ProductDetails-SoilAttributes.html). Soil attributes are modelled from measured soil attribute data from existing databases in the national soil site data collation and environmental parameters. All grids have a common projection, grid cell resolution and snapped to the same spatial extent. The grid cell resolution is 1 second or approximately 30m. <i>NOTE: This asset does not refer to a distinct layer, rather a collection of related environmental datasets used for vegetation modelling as part of the State Vegetation Type Map Modelling Grid Collection. This list of environmental datasets is attached as a resource. Further information can be found at https://www.environment.nsw.gov.au/vegetation/state-vegetation-type-map.htm.</i>
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for State Vegetation Type Map (SVTM) Modelling Grid Collection Function: download
NSW SVTM Spatial environmental layers	Name: NSW SVTM Spatial environmental layers Protocol: WWW:DOWNLOAD-1.0-http--download Description: Regional scale map of Plant Community Types (PCT) for NSW called the State Vegetation Type Map (SVTM). Function: download
Unique resource identifier	
Code	cfe9067b-ebf1-420f-a002-c7080d44b0b3
Presentation form	Document digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115

Edition	2016
Dataset URI	https://www.planningportal.nsw.gov.au/opaendata/dataset/cfe9067b-ebf1-420f-a002-c7080d44b0b3
Purpose	This asset has been created as a placemaker to link all related environmental datasets to this project
Status	Completed
Spatial representation type	None
Spatial reference system	
Code identifying the spatial reference system	4283
Additional information source	As this project refers to a collection of various datasets, the dates of development and acquisition vary across this time period.
Topic category	environment

Keyword set	
keyword value	LAND-Topography SOIL CLIMATE-AND-WEATHER ECOLOGY ECOLOGY-Community GEOSCIENCES-Geology
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
NSW Place Name	NSW
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	1976-01-01
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 Climate Change, Energy, the Environment and Water
Full postal address	NSW Australia data.broker@environment.nsw.gov.au
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

Constraint set	
Use constraints	This data is provided under a Creative Commons Attribution 4.0 licence http://creativecommons.org/licenses/by/4.0 . Attribute 'NSW Department of Climate Change, Energy, the Environment and Water' in publications using this data.
Limitations on public access	
Responsible party	
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Metadata date	2024-02-26T13:42:20.480970
Metadata language	