

Title	State Vegetation Type Map (SVTM) Modelling Grid Collection
Abstract	<p>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.</p> <p>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 (<a href="http://www.bom.gov.au/climate/averages/climatology/gridded-data-info/gridded-climate-data.shtml">http://www.bom.gov.au/climate/averages/climatology/gridded-data-info/gridded-climate-data.shtml</a>). 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 (<a href="https://www.clw.csiro.au/aclep/soilandlandscapegrid/ProductDetails-SoilAttributes.html">https://www.clw.csiro.au/aclep/soilandlandscapegrid/ProductDetails-SoilAttributes.html</a>). Soil attributes are modelled from measured soil attribute data from existing databases in the national soil site data collation and environmental parameters.</p> <p>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.</p> <p><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 <a href="https://www.environment.nsw.gov.au/vegetation/state-vegetation-type-map.htm">https://www.environment.nsw.gov.au/vegetation/state-vegetation-type-map.htm</a>.</i></p>
Resource locator	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Data quality statement for State Vegetation Type Map (SVTM) Modelling Grid Collection</p> <p>Function: download</p>
<a href="#">NSW SVTM Spatial environmental layers</a>	<p>Name: NSW SVTM Spatial environmental layers</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Regional scale map of Plant Community Types (PCT) for NSW called the State Vegetation Type Map (SVTM).</p> <p>Function: download</p>
Unique resource identifier	
Code	807d59fb-29bf-4b95-ab8b-7c4f00ada3ea
Presentation form	Document digital
Edition	1
Dataset language	English
Metadata standard	
Name	ISO 19115

Edition	2016
Dataset URI	<a href="https://datasets.seed.nsw.gov.au/dataset/807d59fb-29bf-4b95-ab8b-7c4f00ada3ea">https://datasets.seed.nsw.gov.au/dataset/807d59fb-29bf-4b95-ab8b-7c4f00ada3ea</a>
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	
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	
West bounding longitude	140.6947
East bounding longitude	153.7687
North bounding latitude	-37.6423
South bounding latitude	-27.9675
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	

**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

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Responsible party role pointOfContact

**Limitations on public access****Responsible party**

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Metadata date 2024-02-26T13:42:17.524750

**Metadata language**