Title	Koala Modelling Regions	
Alternative title(s)	KMRs	
Abstract	The Koala Habitat Suitability Models were developed across nine koala modelling regions. This was important because the environmental drivers that dictate habitat suitability vary across NSW. For example, koala's prefer different tree species on the North Coast compared to the Southern Tablelands. By developing regional KHSMs that are independent of one another, users can consistently compare habitat suitability scores at any given location within a region.	
	This dataset defines the region boundaries or study areas for the models. The regions were defined by an agglomerative hierarchical cluster analysis of the turnover patterns of koala food and shelter species, where aggregation units were represented by local government areas (LGAs) on the coast and tablelands, and Interim Biogeographic Regionalisation of Australia (IBRA) subregions in western NSW. The nine regions fall into two divisions and so eastern and western division values have been added to the attribute table.	
	Tree species patterns are likely to best capture changes in habitat choice and food selection at a regional scale, where it is expected that the key drivers of habitat suitability are much the same within a region (where food choices are similar) but may differ between regions (different food choices).	
	The Koala Habitat Information Base can help prioritise the establishment of new koala reserves and private land conservation agreements, ensure local actions are based on the best available information, and improve the management of threats and disease. It will be an important resource to assist government agencies, local councils and private land holders with koala conservation decisions. The Koala Habitat Information Base is not a regulatory instrument, meaning the data layers do not categorise land for regulatory purposes. It does provide the best available scientific information to support decision makers, rehabilitators, land managers and community members involved in koala conservation.	
Resource loca	tor	
<u>Data Quality</u>	Name: Data Quality Statement	
<u>Statement</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Data quality statement for Koala Modelling Regions	
	Function: download	
<u>Download</u> <u>Package</u>	Name: Download Package	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Data (Shapefile)	
	Function: download	
Unique resourc	ce identifier	
Code	695d5c07-3929-454d-a06d-e9e72fcfa0d5	
Presentation form	Map digital	
Edition	1.1	

Metadata standard

English

Dataset

language

Name	ISO 19115	
Edition	2016	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/695d5c07-3929-454d-a06d-e9e72fcfa0d5	
Purpose	To delineate the actual boundaries for the Koala Habitat Suitability Models.	
Status	Completed	
Spatial representation		
Туре	vector	
Geometric Object Type	complex	
Geometric Object Count	9	
Spatial refere	nce system	
Code identifying the spatial reference system	4283	
Spatial resolution	10 m	
Topic categor	у	

Keyword set	
keyword value	FAUNA-Native
	ECOLOGY-Habitat
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	139.781249
East bounding longitude	154.722656
North bounding latitude	-36.329994
South bounding latitude	-27.730994
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	2019-08-31
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
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Responsible party role	pointOfContact

Lineage

This dataset defines the region boundaries or study areas for the models. The regions were defined by an agglomerative hierarchical cluster analysis of the turnover patterns of koala food and shelter species, where aggregation units were represented by local government areas (LGAs) on the coast and tablelands, and Interim Biogeographic Regionalisation of Australia (IBRA) subregions in western NSW. The nine regions fall into two divisions and so eastern and western division values have been added to the attribute table.

v1.1: This version is now aligned (boundary lines) precisely to the 5m Native Vegetation Extent Raster v1.4 and other v1.1 updates to the KHIB layers

Limitations on public access

Responsible party

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Metadata date 2024-02-26T13:31:32.187978

Metadata language