Abstract	These maps are the output of a project investigating the distribution and risk of the pathogen Phytophthora cinnamomi in New South Wales. The distribution of P. cinnamomi was modelled with occurrence data and environmental layers of climate and soils using the modelling software MaxEnt. Presence records were used to model distribution while absence records were used to define the extent of modelling. Future distribution (to 2070) was also modelled using projected climate layers for two emissions scenarios (rcp 4.5 and 8.5), averaged over three climate models. Current and future risk were modelled by multiplying distribution layers with layers of susceptible threatened plants. The methodology used is described in McDougall & Liew (2020) Quantifying the distribution and threat of Phytophthora cinnamomi in New South Wales: implications for its management in natural vegetation. Cunninghamia 20, 153-181. The distribution shapefile shows where P. cinnamomi has been detected in soil or plant samples (presences). These data should be used indicatively because the locations of some records could not be verified.		
Resource locator			
Data Quality	Name: Data Quality Statement		
<u>Statement</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	Data quality statement for Phytophthora distribution		
	Function: download		
Published report	Name: Published report		
	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	Report - Quantifying the distribution and threat of Phytophthora cinnamomi in NSW: implications for its management in natural vegetation		
	Function: download		
Data download	Name: Data download		
	Protocol: WWW:DOWNLOAD-1.0-httpdownload		
	Description:		
	TIFFS and point data (ESRI shapefile)		
	Function: download		
Unique resource identifier			
Code	aecabc02-2896-4565-b40e-94053aa3c180		
Presentation form	Map digital		
Edition	v1		
Dataset language	English		
Metadata standa	ard		
Name	ISO 19115		
Edition	2016		
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/aecabc02-2896-4565-b40e-94053aa3c180		
Purpose	Pest management		

Title

Phytophthora distribution

Status	Completed
Spatial representation type	grid
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	1000 m
Topic category	

Keyword set				
keyword value	DISEASE			
	HAZARDS-Pests			
Originating controlled vocabulary				
Title	ANZLIC Search Words			
Reference date	2008-05-16			
Geographic location				
West bounding longitude	147			
East bounding longitude	153.6417			
North bounding latitude	-37.5083			
South bounding latitude	-28.15			
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	2019-03-01			
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			
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			
obtained from available d	cinnamomic presence and absence in NSW and the ACT were atabases, DPIE records and published surveys. See Table 1 in the on modelling was performed with the program MaxEnt.			

Limitations on public access

Responsible party

Contact position Data Broker

Organisation name NSW Department of Climate Change, Energy, the Environment and Water

Telephone number 131555

Email address <u>data.broker@environment.nsw.gov.au</u>

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Metadata date 2024-02-26T13:19:48.143421

Metadata language