

Title	Aboriginal cultural heritage vulnerability to bushfires and prescribed burning
Abstract	Bushfire is an ever-present force in the Australian Bush. However, the majority of Aboriginal Cultural Heritage (ACH) remains unrecorded, and the impact of bushfires on that heritage is not well understood or predicted. As a bushfire moves through the landscape and encounters various types of ACH the vulnerability of that heritage will depend on the fire behaviour; the location of the heritage material (such as if it is on the surface or subsurface); the nature of the heritage object and its vulnerability to radiant of convective heat, embers, soot, smoke or other outputs of a fire burning through fuel. Understanding the predicted vulnerability of ACH is difficult as in any actual fire these variables and their impact on the heritage are difficult to accurately predict. The ACH Vulnerability to Bushfire Product is a first step towards better predicting the vulnerability of both known and unknown ACH to Bushfire. The ACH Vulnerability to Bushfire product is an initial attempt to map the vulnerability of Aboriginal Culture and Heritage to bushfire across NSW. It is based on the modelled potential distribution of ACH across the landscape in NSW as mapped in the Aboriginal Sites Decision Support Tool (ASDST)¹. The product, and its method of derivation, has a range of applications to assess the vulnerability of various Natural Hazards or management actions to Aboriginal heritage. The effectiveness of the vulnerability product is based on developing a landscape scale understanding of the distribution of recorded Aboriginal Sites in NSW and applying a basic approach to produce a landscape-wide risk map that can be used to assess the vulnerability of ACH. The use of predictive methods is necessary to address the gap in knowledge about Aboriginal heritage in its totality across landscape – the majority of Aboriginal heritage has not been recorded due to gaps in where survey and assessment for Aboriginal heritage have been undertaken. Thus, the vulnerability product assists spatial assessment of the risk to all potential Aboriginal heritage in a landscape – in addition to the recorded Aboriginal heritage listed in the Aboriginal heritage information management system (AHIMS)²
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Aboriginal cultural heritage vulnerability to bushfires and prescribed burning Function: download
ACH fire vulnerability user guide	Name: ACH fire vulnerability user guide Protocol: WWW:DOWNLOAD-1.0-http--download Description: User Guide for Aboriginal cultural heritage vulnerability to bushfires and prescribed burning Dataset Function: download
Download Package	Name: Download Package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data (Shapefile) Function: download
Unique resource identifier	
Code	3fe3d5cf-7e87-47d1-9074-f06c6d4923eb
Presentation form	Map digital
Edition	1.0

Dataset language	English
Metadata standard	
Name	ISO 19115
Edition	2016
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/3fe3d5cf-7e87-47d1-9074-f06c6d4923eb
Purpose	Fire Planning
Status	Completed
Spatial representation type	grid
Spatial reference system	
Code identifying the spatial reference system	4283
Spatial resolution	35 m
Topic category	

Keyword set	
keyword value	HERITAGE-Aboriginal HAZARDS-Fire HUMAN-ENVIRONMENT-Planning
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	139.86914
East bounding longitude	154.107421
North bounding latitude	-38.058472
South bounding latitude	-28.451305
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	2023-01-01
End position	N/A
Dataset reference date	
Resource maintenance	
Maintenance and update frequency	Irregular
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	Derived from Aboriginal Sites Decision Support Tool (ASDST) for Bushfire Planning

Limitations on public access	
Scope	dataset
DQ Completeness Commission	
Effective date	2023-01-01
Explanation	Aboriginal cultural heritage vulnerability to bushfires and prescribed burning ACH Vulnerability to Bushfire product user guide
Responsible party	
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Metadata date	2024-02-26T13:28:40.668400
Metadata language	