## Title

Risks to the NSW Coastal Integrated Forestry Operations Approvals from changing fire regimes

### **Abstract**

Spatial data layers and analytical code used for the analyses and summaries presented by Bradstock et al. 2021. The base data layers comprise:

- Raster data in GeoTIFF format (.tif file extension) for long-term fire history, 2019/20 fire occurrence and severity, logging history, native vegetation (SVTM forest formations), tenure, topography.
- Raster layers for predicted habitat suitability of selected fauna species.
- Vector data (mostly polygon features) for study area and tenure and forest management boundaries, together with fire history, logging history and vegetation layers used to derive the corresponding raster data layers used for analyses.

All code used for analyses is provided as Rmarkdown documents. Each document contains code in the R statistical language, together with explanatory text. Documents can be opened in the freely available RStudio software (<a href="https://www.rstudio.com">https://www.rstudio.com</a>) to run the code, or in any text editor to read code and text.

See file 00\_README.txt for further description of files and folders.

## Resource locator

Data Quality Statement

Name: Data Quality Statement

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Data quality statement for Risks to the NSW Coastal Integrated Forestry

Operations Approvals from changing fire regimes

Function: download

**READ ME** 

Name: READ ME

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Read Me document explaining data and analytical code used for the review: Risks to the NSW Coastal Integrated Forestry Operations Approvals Posed by

the 2019/2020 Fire Season and Beyond.

Function: download

Report: Risks to the NSW Coastal Integrated
Forestry Operations
Approvals Posed by the 2019/20 Fire Season and Beyond.

Name: Report: Risks to the NSW Coastal Integrated Forestry Operations

Approvals Posed by the 2019/20 Fire Season and Beyond.

Protocol: WWW:DOWNLOAD-1.0-http--download

Doscription

Description:

The 2019/20 fire season affected a large area of NSW (over 5 million hectares burned) including a significant proportion of the area (41 percent of the forested portion) covered by the Coastal Integrated Forestry Operations Approvals (CIFOA). This was the largest fire season affecting forests in

eastern NSW in recorded history.

Function: download

**Outputs** 

Name: Outputs

Protocol: WWW:DOWNLOAD-1.0-http--download

Description:

Output files - Risks to the NSW Coastal Integrated Forestry Operations

Approvals Posed by the 2019/2020 Fire Season and Beyond.

Function: download

Fire regime report data package - Contents

Name: Fire regime report data package - Contents

	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Describes the contents of the the Fire regime report data package	
	Function: download	
Fire regime report data	Name: Fire regime report data package	
<u>package</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	The GeoPackage Encoding Standard describes a set of conventions for storing the following within an SQLite database:	
	vector features tile matrix sets of imagery and raster maps at various scales attributes (non-spatial data) extensions	
	Function: download	
CIFOA 25m 2030	Name: CIFOA 25m 2030	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Data files	
	Function: download	
Species habitat layers	Name: Species habitat layers	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Contain species habitat data files	
climate refugia layers	Name: climate refugia layers	
	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Contains climate refugia layers for priority species	
Forestry Corporation Disclaimer	Name: Forestry Corporation Disclaimer	
<u>Discialifier</u>	Protocol: WWW:DOWNLOAD-1.0-httpdownload	
	Description:	
	Forestry Corporation Disclaimer	
	Function: download	
Unique resource ident	ifier	
Code	5504dd5f-3cca-448d-85b8-201ed14a4375	
Presentation form	Image digital	
Edition	1.0	
Dataset language	English	
Metadata standard		
Name	ISO 19115	
Edition	2016	
Dataset URI	https://www.planningportal.nsw.gov.au/opendata/dataset/5504dd5f-3cca-	
2000000	448d-85b8-201ed14a4375	

Purpose	Open data requirement	
Status	Completed	
Spatial representation type	grid	
Spatial reference system		
Code identifying the spatial reference system	4283	
Spatial resolution	1 m	
Topic category	environment	

Keyword set	
keyword value	HAZARDS-Fire
	FORESTS-Agriforestry
	FORESTS-Natural
	FORESTS
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
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	2019-06-03
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

## Lineage

Primary data were derived from various sources including University of Wollongong, NSW Department of Planning, Industry and Environment, Forestry Corporation NSW, NSW Rural Fire Service, and Macquarie University Climate Refugia project. See file 00\_README.txt and RMarkdown documents (.Rmd file extension) for details of specific data layers.

#### Constraint set

Use

constraints

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Limitations on public access

# Responsible party

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Responsible party role pointOfContact

Metadata point of contact Contact position Data Broker **NSW Natural Resources Commission** Organisation name Full postal address PO Box A290 Sydney South NSW 1232 Australia data.broker@environment.nsw.gov.au Telephone number 131555 Facsimile number 02 9995 5999 Email address data.broker@environment.nsw.gov.au Web address https://www.nrc.nsw.gov.au/

point Of Contact

Metadata date 2024-02-26T13:03:31.682146

Metadata language

Responsible party role