

Title	Peat-forming bogs and fens of the Snowy Mountains
Abstract	Bogs and fens are common in the Snowy Mountains of south-eastern New South Wales (NSW). This study provides the first comprehensive mapping of the region's peatlands. It has been completed by using aerial photography and satellite imagery, supplemented by field checking, to create a spatial database of the mires. The boundaries generally reflect the situation in February 2003, immediately after a major fire prompted the collection of high resolution aerial photographs of the peatlands. The surface extent of the peatlands is combined with data on the depth of peat and its carbon content to estimate peat volumes and carbon storage. The accumulation history of the mires provided by a 30-year program of coring and radiocarbon dating was used to estimate the long term rates of peat accumulation and carbon sequestration. Mapping done by Rachel Nanson and Geoffrey Hope, ANU.
Resource locator	
Data Quality Statement	Name: Data Quality Statement Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data quality statement for Peat-forming bogs and fens of the Snowy Mountains Function: download
PDF Report	Name: PDF Report Protocol: WWW:DOWNLOAD-1.0-http--download Description: Report - Peat-forming bogs and fens of the Snowy Mountains of NSW Function: download
Download Package	Name: Download Package Protocol: WWW:DOWNLOAD-1.0-http--download Description: Data (Shapefile) Function: download
Associated report	Name: Associated report Protocol: WWW:DOWNLOAD-1.0-http--download Description: Report - Peatland carbon stores and fluxes in the Snowy Mountains Function: download
Unique resource identifier	
Code	06b9b7b7-4214-4d8d-b442-ec3d4d69aa85
Presentation form	Document digital
Edition	v1
Dataset language	English
Metadata standard	
Name	ISO 19115 2016

Edition	
Dataset URI	https://datasets.seed.nsw.gov.au/dataset/06b9b7b7-4214-4d8d-b442-ec3d4d69aa85
Purpose	Snowy Mountains wetland assessment
Status	Completed
Spatial representation	
Type	vector
Spatial reference system	
Code identifying the spatial reference system	4283
Equivalent scale	1:None
Topic category	

Keyword set	
keyword value	<p>WATER-Wetlands</p> <p>ECOLOGY-Landscape</p> <p>VEGETATION</p> <p>HERITAGE-Natural</p> <p>BOUNDARIES-Biophysical</p>
Originating controlled vocabulary	
Title	ANZLIC Search Words
Reference date	2008-05-16
Geographic location	
West bounding longitude	148.03212
East bounding longitude	149.59286
North bounding latitude	-36.85016
South bounding latitude	-35.14814
NSW Place Name	Kosciuszko National Park
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	2003-02-01
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
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Responsible party role	pointOfContact

Lineage

We aimed to map all peatlands in the upper montane, subalpine and alpine areas of the northern (NSW and ACT) portion of the Australian Alps. The mapping of mires has been developed by using orthorectified aerial photographs, provided by the Office of Environment and Heritage (OEH; previously the Department of Environment, Climate Change and Water) and acquired after the January 2003 bushfires over the period February to March 2003. These materials have been supplemented by Google Earth cover of more recent imagery, generally acquired between March 2004 and July 2006.

Limitations on public access

Responsible party

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