

<b>Title</b>	ALOS Woody biomass (50m) 2009
<b>Abstract</b>	This raster represents the above ground vegetation biomass at 50m resolution. It is based on radar imagery from the Palsar instrument on the Japanese ALOS satellite, and is calibrated to field measurements of biomass. It is used for carbon accounting, vegetation mapping and modelling applications
<b>Resource locator</b>	
<a href="#">Data Quality Statement</a>	<p>Name: Data Quality Statement</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>ALOS Woody biomass (50m) 2009 Data Quality Statement</p> <p>Function: download</p>
<a href="#">ALOS Data</a>	<p>Name: ALOS Data</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download Data Package</p> <p>Function: download</p>
<a href="#">ALOS Woody biomass (50m) 2009 Journal Paper</a>	<p>Name: ALOS Woody biomass (50m) 2009 Journal Paper</p> <p>Protocol: WWW:DOWNLOAD-1.0-http--download</p> <p>Description:</p> <p>Download Journal Paper</p> <p>Function: download</p>
<b>Unique resource identifier</b>	
Code	7737ed44-039b-4680-b230-179425969db2
<b>Presentation form</b>	Document digital
<b>Edition</b>	Not known
<b>Dataset language</b>	English
<b>Metadata standard</b>	
Name	ISO 19115
Edition	2016
<b>Dataset URI</b>	<a href="https://datasets.seed.nsw.gov.au/dataset/7737ed44-039b-4680-b230-179425969db2">https://datasets.seed.nsw.gov.au/dataset/7737ed44-039b-4680-b230-179425969db2</a>
<b>Purpose</b>	This is a research grade product generated using L-band radar imagery from ALOS PALSAR. The model was calibrated using field plot measurements of tree diameters from which above ground biomass (AGB) was estimated using allometric equations. Empirical relationships were established between HH and HV backscatter and AGB. The study also explored the impact of surface moisture conditions on biomass retrieval using L-band radar. The full method is published in Lucas et al. (2010). The product is unvalidated but may be useful for woody vegetation change monitoring and carbon accounting applications.
<b>Status</b>	Completed

**Spatial  
representation  
type**

grid

**Spatial reference system**

Code identifying  
the spatial  
reference system

4283

**Spatial  
resolution**

50 m

**Additional  
information  
source**

Any use of this data should acknowledge the data sources as "This map is a research product developed by the Joint Remote Sensing Research Program (University of Queensland, Qld DERM, NSW OEH), the University of Aberystwyth (Wales, UK) and the Queensland Herbarium within the framework of the JAXA Kyoto and Carbon Initiative (◆ JAXA/METI)". This product has not been validated.

**Topic category**

<b>Keyword set</b>	
keyword value	PHOTOGRAPHY-AND-IMAGERY-Remote-Sensing VEGETATION
<b>Originating controlled vocabulary</b>	
Title	ANZLIC Search Words
Reference date	2008-05-16
<b>Geographic location</b>	
West bounding longitude	141
East bounding longitude	154
North bounding latitude	-38
South bounding latitude	-28
<b>Vertical extent information</b>	
Minimum value	-100
Maximum value	2228
<b>Coordinate reference system</b>	
Authority code	urn:ogc:def:cs:EPSG::
Code identifying the coordinate reference system	5711
<b>Temporal extent</b>	
Begin position	2009-06-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Unknown
<b>Contact info</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Lineage</b>	Data processing history found in the Imagine image's internal metadata.
<b>Limitations on public access</b>	

Scope	dataset
DQ Completeness Commission	
Effective date	2001-01-01
DQ Completeness Omission	
Effective date	2001-01-01
DQ Conceptual Consistency	
Effective date	1900-01-01
DQ Topological Consistency	
Effective date	1900-01-01
DQ Absolute External Positional Accuracy	
Effective date	1900-01-01
DQ Non Quantitative Attribute Correctness	
Effective date	1900-01-01
<b>Responsible party</b>	
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Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
<b>Metadata point of contact</b>	
Contact position	Data Broker
Organisation name	NSW Department of Climate Change, Energy, the Environment and Water
Telephone number	131555
Email address	<a href="mailto:data.broker@environment.nsw.gov.au">data.broker@environment.nsw.gov.au</a>
Web address	<a href="https://www.nsw.gov.au/departments-and-agencies/dcceew">https://www.nsw.gov.au/departments-and-agencies/dcceew</a>
Responsible party role	pointOfContact
Metadata date	2024-02-26T13:41:22.152217
Metadata language	