

## Title

SLATS - Woody Vegetation Change - NSW 2008-2014

## Abstract

These layers show areas of woody vegetation change based on the analysis of multi-date SPOT5 imagery. Woody change is detected through a combination of automated and manual interpretation of the differences between images captured during summer of each year. Satellite images are selected as close as possible to the 1st of January each year and must have a clear view of the ground not impacted by smoke or cloud cover. This requirement can result in a range of imagery dates being selected for each SLATS year.

To reflect this, data naming previously included both years in which imagery was captured, for example 2008-2009, 2009-2010, 2010-2011, 2011-2012, 2012-2013, 2013-14 and 2014-15.

For clarity data is now named using the year in which the majority of the clearing has taken place i.e. 2008, 2009, 2010, 2011, 2012, 2013, 2014.

The woody vegetation change is mapped using the SLATS (Statewide Land and Tree Survey) method which applies an automated change analysis process followed by visual interpretation of the results by experienced image interpretation staff. Landcover classes reflect the interpreted cause of woody vegetation change. Each change year has a single statewide point and polygon layer derived from approximately 310 SPOT scenes covering NSW.

Vector point format is preferred for analysis to prevent double counting when undertaking regional calculations. Points can only fall into a single region unlike raster pixels which can sit astride a vector boundary. This often occurs with analysis based on vector regions such as Local Government Areas or Bioregions.

The woody change data is also used for vegetation compliance analysis. Change statistics are available for all change periods.

Contact the data broker on [data.broker@environment.nsw.gov.au](mailto:data.broker@environment.nsw.gov.au) for further information.

Remotely sensed imagery is routinely collected by DPE and used to map vegetation clearing. This data is spatially explicit and can be used with other datasets to identify activity on individual lots. Please read the privacy collection notice for more information.

## Resource locator

### [Data Quality Statement](#)

Name: Data Quality Statement

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

Description:

Data quality statement for SPOT Woody Change Data (5-10m) 2008-2015

Function: download

### [Privacy Collection Notice](#)

Name: Privacy Collection Notice

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

Description:

Notice that Spatially explicit imagery is routinely collected by the department. Spatially explicit data can be used to identify activity at a property scale.

Function: download

### [Factsheet - Statewide Landcover and Tree Study \(SLATS\)](#)

Name: Factsheet - Statewide Landcover and Tree Study (SLATS)

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

Description:

General information about the product and method of development/creation.

Function: download

### Landcover Classes

Name: Landcover Classes

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

Description:

This pdf describes the interpreted cause of woody change.

Function: download

### slats\_spot5\_change\_nsw\_2008\_gda94

Name: slats\_spot5\_change\_nsw\_2008\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2008 and 2009. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

### slats\_spot5\_change\_nsw\_2009\_gda94

Name: slats\_spot5\_change\_nsw\_2009\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2009 and 2010. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

### slats\_spot5\_change\_nsw\_2010\_gda94

Name: slats\_spot5\_change\_nsw\_2010\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2010 and 2011. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

### slats\_spot5\_change\_nsw\_2011\_gda94

Name: slats\_spot5\_change\_nsw\_2011\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2011 and 2012. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

### slats\_spot5\_change\_nsw\_2012\_gda94

Name: slats\_spot5\_change\_nsw\_2012\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2012 and 2013. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened

pixel. Data is complete and uncleaned.

Function: download

[slats\\_spot5\\_change\\_nsw\\_2013\\_gda94](#)

Name: slats\_spot5\_change\_nsw\_2013\_gda94

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2013 and 2014. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

[slats\\_spot5\\_change\\_nsw\\_2014\\_gda94\\_orig](#)

Name: slats\_spot5\_change\_nsw\_2014\_gda94\_orig

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2014 and 2015. Format - ESRI shapefile points. Each point represents a 5x5 m SPOT5 pan sharpened pixel. Data is complete and uncleaned.

Function: download

[cips\\_spot5\\_nsw\\_2008\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2008\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2008 and 2009. Format - ESRI shapefile polygons. Projection - Lamberts Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

[cips\\_spot5\\_nsw\\_2009\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2009\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2009 and 2010. Format - ESRI shapefile polygons. Projection - Lamberts Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

[cips\\_spot5\\_nsw\\_2010\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2010\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2010 and 2011. Format - ESRI shapefile polygons. Projection - Lamberts Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

[cips\\_spot5\\_nsw\\_2011\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2011\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2011 and 2012. Format - ESRI shapefile

polygons. Projection - Lambert Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

[cips\\_spot5\\_nsw\\_2012\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2012\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2012 and 2013. Format - ESRI shapefile polygons. Projection - Lambert Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

[cips\\_spot5\\_nsw\\_2013\\_Lamberts](#)

Name: cips\_spot5\_nsw\_2013\_Lamberts

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

Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2013 and 2014. Format - ESRI shapefile polygons. Projection - Lambert Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed

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[cips\\_spot5\\_nsw\\_2014\\_Lamberts](#)

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Description:

SLATS woody vegetation change derived from SPOT5 imagery captured between 2014 and 2015. Format - ESRI shapefile polygons. Projection - Lambert Conformal Conic NSW (EPSG:3308) Polygonised raster, single pixels removed. Change due to fire removed.

Function: download

## Unique resource identifier

Code f7485ac3-eb6a-4cb6-b0ec-9dcc2b7dd964

Presentation form Image digital

Edition 01/06/2015

Dataset language English

## Metadata standard

Name ISO 19115

Edition 2016

Dataset URI <https://datasets.seed.nsw.gov.au/dataset/f7485ac3-eb6a-4cb6-b0ec-9dcc2b7dd964>

Purpose To support the NSW Annual Report on Native Vegetation which is OEH's comprehensive summary of actions undertaken by private and public land managers to conserve and manage native vegetation. The annual report, which is produced at the end of each calendar year, comprises the Native Vegetation Report Card, the Woody Vegetation Change Report and the Compliance and Enforcement Report Card.

Status	Completed
<b>Spatial representation</b>	
Type	vector
Geometric Object Type	surface
<b>Spatial reference system</b>	
Code identifying the spatial reference system	4283
Spatial resolution	5 m
<b>Topic category</b>	

<b>Keyword set</b>	
keyword value	PHOTOGRAPHY-AND-IMAGERY-Satellite 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	2008-01-01
End position	N/A
<b>Dataset reference date</b>	
<b>Resource maintenance</b>	
Maintenance and update frequency	Annually
<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>	

## Responsible party

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 point of contact

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 2024-02-26T13:02:37.867079

Metadata language