**Australia’s Plantations 2016**

**Citation**

**Title**

Australia’s plantations 2016 dataset

**ANZLIC Identifier**

**Custodian**

Australian Bureau of Agricultural and Resource Economics and Sciences – (ABARES)

**Jurisdiction**

Australia

**Description**

**Abstract**

ABARES has prepared this dataset under the auspices of the National Plantation Inventory (NPI). The NPI has surveyed public and private plantation growers and managers to collect data on plantations established primarily for wood production in Australia since 1993.

*Australian plantation statistics* is published every five years based on spatial data. It supports strategic forest industry planning and decision-making by presenting information on total plantation area, new planting and ownership. The spatial updates complement two other NPI information products published by ABARES: the annual tabular plantations update and the five-yearly comprehensive log supply forecast report.

*Australia’s Plantation 2016* is a comprehensive dataset of commercial plantations derived from spatial data provided by over 20 growers and managers. The data was provided in raw form and required standardisation to a common format. Because the report is based on mapped data, it includes corrections and updates to data obtained in previous years.

The publicly available dataset has been summarised and re-sampled and the only publicly available attribute is plantation type – comprised of hardwood, softwood and unknown, mixed species, fallow.

**Purpose**

To provide a comprehensive plantations dataset to be used by government, industry and other organisations.

**Search word(s)**

Plantation, type, species, region, state, area, ownership, year, company, main product.

**Spatial Domain**

**Geographic Extent Name (GEN)**

GEN Category: Australia

GEN Custodial Jurisdiction: Australia

GEN Name: AUSTRALIA EXCLUDING EXTERNAL TERRITORIES

**Geographic Bounding Box**

North Bounding Latitude: -9

South Bounding Latitude: -45

East Bounding Latitude: 158

West Bounding Latitude: 109

**Projection**

GDA 94 Australian Albers

[**Spatial Reference**](file:///C%3A/Documents%20and%20Settings/gavran%20mijo/Local%20Settings/Temp/tmp31.tmp.htm#ID0EEA)

GDA\_1994\_Australia\_Albers

WKID: 3577 Authority: EPSG

Projection: Albers

False Easting: 0.0

False Northing: 0.0

Central Meridian: 132.0

Standard\_Parallel\_1: -18.0

Standard\_Parallel\_2: -36.0

Latitude Of Origin: 0.0

Linear Unit: Meter (1.0)

Geographic Coordinate System: GCS\_GDA\_1994

Angular Unit: Degree (0.0174532925199433)

Prime Meridian: Greenwich (0.0)

Datum: D\_GDA\_1994

 Spheroid: GRS\_1980

 Semimajor Axis: 6378137.0

 Semiminor Axis: 6356752.314140356

 Inverse Flattening: 298.257222101

**Format**

Shapefile feature vector digital data

**File size**

**Native Data Set Environment**

Microsoft Windows 8, ESRI ArcGIS 10.2.2 for desktop

**Data Currency**

**Beginning Date** 2014–15

**Ending Date** Data provided as at June 2015

The data provided is current as at June 2015. Some datasets were provided as at December 2010. This does not cause any errors or concerns. Where data was not available, Australia’s Plantations 2011 was used.

**Data Status**

**Progress** Complete

**Maintenance and Update Frequency** 5 yearly

**Access**

**Stored Data Format:** ESRI Vector

**Available Format:** ESRI Vector

**Access Constraints:** Summarised and re-sampled spatial data is available publicly.

**Data Quality**

**Lineage**

Spatial data was provided to the NPI from growers using high quality GIS data. Data was projected to Albers GDA94, and standard items (Plantation type, company and data quality) was attributed. The datasets (approximately 20) were appended. The data was analysed and rectified if there were any errors such as duplication of polygons or overlapping polygons with adjacent plantation estates.

**Positional Accuracy**

The scale of the source data is accurate to 100 metres. The vector data has been validated using satellite imagery, National Carbon Accounting Systems spatial layers and validated by local knowledge where possible

**Attribute Accuracy**

Attribute information was defined in the request for data spreadsheet and the majority of contributors followed the guidelines. Attributes such as species were standardised using scientific nomenclature. One company did not provide all attributes spatially (only plantation type was provided) and this is a limitation.

**Logical Consistency**

Not applicable

**Completeness**

Some plantation growers did not provide spatial data. This is mainly due to growers not having spatial data, only tabular.

**Contact Information**

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**Metadata Information**

**Metadata Date:** 18/08/2016