

ABBA PROJECT – METADATA REPORT - AGRICULTURE

AGRICULTURE – CROPPING, HORTICULTURE

Dataset Title AGRICULTURE
 - CROPPING
 - HORTICUTURE

Status Published

Metadata Maintained by DPC

Description

Category BIOENERGY

Theme RESIDUES

Keywords and Qualifiers ENERGY Bioenergy

Dataset Type Spatial

Description Data generated and collected for the Australian Biomass for Bioenergy Assessment project for upload onto the Australian Renewable Energy Mapping Infrastructure

Dataset Use South Australian component of a national initiative to catalyse investment in Bioenergy projects

Projection/ Coordinate System GDA 94

Confidentiality-I#-A#

Custodian

Data Authority

Data Authority

Department of the Premier and Cabinet

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Data Provider

Data Provider

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Data Quality

Lineage The data for production (in tonnes or kilograms) of crops by ABS SA4 Regions listed in the ABS Agricultural Commodities, 2015-16 data set (ABS, 2016) were converted to biomass generated using a conversion factor, and biomass generated value was then split into residues based on an expected percentage that could be produced from each crop. The assumed conversion factors and residue percentages were those that had been developed previously for the Limestone Coast region in separate study (Zero Waste SA, 2014) (which were informed by advice from an agricultural scientist and independent research.).

Completeness Complete

Positional Accuracy The ABS Structures are areas that the ABS designs specifically for outputting statistics. This means that the statistical areas are designed to meet the requirements of specific statistical collections as well as geographic concepts relevant to those statistics such as remoteness and urban/rural definitions. This helps to ensure the confidentiality, accuracy and relevance of the data. The ABS Structures are stable for five years to enable better comparison of data over time.

Source:

[http://www.abs.gov.au/websitedbs/D3310114.nsf/home/Australian+Statistical+Geography+Standard+\(ASGS\)](http://www.abs.gov.au/websitedbs/D3310114.nsf/home/Australian+Statistical+Geography+Standard+(ASGS))

Method / Capture Scale	Method	Capture Scale	Comment
	Process Modelling	ABS SA4	Based on ABS Commodities data

Tables

Feature Dataset: CROPPING, HORTICULTURE		
Feature Classes:		
Type	Feature class name	Alias
POLY	CEREAL_STRAW_RESIDUES_SA4	Cereal Straw Residues SA4
POLY	NON_CEREAL_STRAW_RESIDUES_SA4	Non-cereal Straw Residues SA4
POLY	HAY_SILAGE_RESIDUES_SA4	Hay and Silage Residues SA4
POLY	FRUIT_NUTS_SA4	Fruit & Nut Residues SA4
POLY	VEGETABLES_SA4	Vegetable Residues SA4

Field Description

Minimum field requirements for each feature class listed above.

Some feature classes may have additional fields listing volumes of specific source crops and/or residue categories (e.g. Wheat, Beans, Manure and Chaff, Stems, Shells, Bedding straw etc.)

Table	Name	Data Type	Description
e.g. Cereal Straw	REGION_NAME	Text	The region name e.g. SA4 region
	REGION_TYPE	Text	How the data is displayed by (e.g. NPI region, LGA, ABS SA4, SA2, NRM)
	RESIDUE_TYPE	Text	Type of residue mapped (e.g. Cereal Straw, Forestry)
	BIOMASS_DESCRIPTION	Text	Brief description of biomass been mapped
	TIMEFRAME	Text	Year date/s that data was collected from or predicted for (i.e. 2010-2015, 2014-2015, 2015, 2020-2030)
	RESIDUE_UNIT	Text	Unit the residue has been recorded in (i.e. Tonnes, DM tonnes, GM tonnes, Metres cubed)
	TOTAL_RESIDUES	Long Integer	The total of residues listed
	MINIMUM	Long Integer	Minimum may be included if known e.g. lower production in a Drought year, exclude a hard to collect residue e.g. chaff
	MAXIMUM	Long Integer	Maximum may be included if known e.g. higher production in a Bumper year or include all residues e.g. chaff
	NOTE	Text	Any relevant additional information

Dataset Status

Initially Acquired	30-MAR-2017
Last Updated	07-JULY-2017
Update Frequency	As required
Maintenance Method	Incorporate updated ABS Commodities data
Metadata Created	27-JULY-2017
Metadata updated	

Security Classification

ISMF Classification	Public
ISMF Integrity	I1 - MODERATE Requirement
ISMF Availability	A1 - MODERATE Requirement
AusGOAL Licensing Classification	CC BY (Attribution)
Attribution	
Further considerations for supply of dataset	No

Operator Notes

Related Datasets and Associated Products	ABS Commodities South Australian Landuse 2008
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