

Waste - MSW, C&I and C&D - Organic

File Geodatabase Feature Class



Tags

organic waste, organic, waste, MSW, municipal solid waste, C&I, commercial and industrial, C&D, construction and demolition, landfills, residues, biomass, bioenergy

Summary

To identify the location and mass in tonnes of Municipal Solid Waste (MSW), Commercial and Industrial (C&I) and Construction and Demolition (C&D) organic waste received at landfills within the regional groups of the Renew NSW Regional Organisation of Councils (ROC) across NSW, Australia.

Description

This dataset estimates the mass in tonnes of Municipal Solid Waste (MSW), Commercial and Industrial (C&I) and Construction and Demolition (C&D) organic waste received at landfills within the regional groups of the Renew NSW Regional Organisation of Councils (ROC) across NSW, Australia. This information has been collated for the Australian Biomass for Bioenergy Assessment (ABBA) project and will be available for use on the Australian Renewable Energy Mapping Infrastructure (AREMI) platform, to build a national map to service the renewable energy sector. This dataset has been mapped at the regional groups of Renew NSW (<http://www.renewnsw.com.au/>).

Each regional group shows the average annual total for MSW, C&I and C&D organic waste for the period July 2012 to June 2015 (average of 3 years). Each regional group also shows the combined organic waste total of these 3 waste streams. This layer gives a quick reference summary of the 3 waste streams, which have been individually mapped in more detail showing the organic material composition totals. The waste totals were derived using data provided by the NSW EPA and from research carried out by the NSW Forest Science unit, Department of Primary Industries - Forestry.

The organic material compositions included in the waste streams reported in this layer are FOOD (food and food products), PAPER OR CARDBOARD (paper and paper products), VEGETATION OR COMPOST (vegetation or garden, composts or mulches and biosolids or manures - Note: vegetation was the major component of this category and biosolids was an insignificant amount of the total), and WOOD OR WOOD PRODUCTS (wood and wood products).

For more information on the derivation of the residue volumes please contact the NSW Forest Science unit.

Credits

NSW Forest Science, Department of Primary Industries - Forestry.

Use limitations

This dataset has been made available for information purposes only. No claim is made as to the accuracy or authenticity of the data. The NSW Government and this department

(Department of Primary Industries- Forestry) does not accept liability to any person for the information or advice (or the use of such information or advice) which has been provided in this dataset.

Extent

West 141.000474 **East** 153.638727
North -28.157020 **South** -37.505060

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE environment, geoscientificInformation

* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

Hide Topics and Keywords ▲

Citation ►

TITLE Waste - MSW, C&I and C&D - Organic
PUBLICATION DATE 2018-11-30 00:00:00

EDITION 1.3

PRESENTATION FORMATS * digital map

OTHER CITATION DETAILS

It is recommended that this dataset be referred to as:

Wade S.L., Barry C.M., Nelson M.D. & Gammridge L. (compilers) 2018. Renewable energy map of New South Wales, Version 1.3 (Digital Dataset). Geological Survey of New South Wales, Maitland.

Please note the raw data has been sourced from "NSW Department of Industry - Lands & Forestry"

We (NSW Department of Planning & Environment - Resources and Geoscience) are the Publishers, and the others (NSW Department of Industry - Lands & Forestry) are the Custodians.

Hide Citation ▲

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Catherine Carney
ORGANIZATION'S NAME NSW Forest Science, Department of Primary Industries - Forestry
CONTACT'S POSITION Project Officer
CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 0439 915 269

ADDRESS

TYPE postal
DELIVERY POINT Locked Bag 5123
CITY Parramatta
ADMINISTRATIVE AREA NSW
POSTAL CODE 2124
COUNTRY AU
E-MAIL ADDRESS cath.carney@dpi.nsw.gov.au

Hide Contact information ▲

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Fabiano Ximenes
ORGANIZATION'S NAME NSW Forest Science, Department of Primary Industries - Forestry
CONTACT'S POSITION Research Scientist
CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE

VOICE 0458 760 812

ADDRESS

TYPE postal
DELIVERY POINT Locked Bag 5123
CITY Parramatta
ADMINISTRATIVE AREA NSW
POSTAL CODE 2124
COUNTRY AU
E-MAIL ADDRESS fabiano.ximenes@dpi.nsw.gov.au

Hide Contact information ▲

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Director of Geoscience Information
ORGANIZATION'S NAME NSW Resources and Geoscience, Geological Survey of NSW
CONTACT'S ROLE publisher

CONTACT INFORMATION ►

PHONE

VOICE 04 4063 6723

ADDRESS

TYPE physical
DELIVERY POINT 516 High Street
CITY Maitland
ADMINISTRATIVE AREA NSW
POSTAL CODE 2320
COUNTRY AU
E-MAIL ADDRESS geoscience.info@geoscience.nsw.gov.au

ONLINE RESOURCE

LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>
NAME NSW Resources and Geoscience website
DESCRIPTION The website of the NSW Department of Planning & Environment, Division of Resources and Geoscience
FUNCTION PERFORMED information

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES * English (AUSTRALIA)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.4.0.5524

CREDITS

NSW Forest Science, Department of Primary Industries - Forestry.

ARCGIS ITEM PROPERTIES

* NAME Bioenergy_Organic_Waste
* LOCATION file://\\Maitlfp11
\group\Geosurvey\GeoInfo\GeoSpatial\Products\Mapping\State\NSW Renewables\2019
\Online data\RenewablesData.gdb
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE 141.000474
* EAST LONGITUDE 153.638727
* NORTH LATITUDE -28.157020
* SOUTH LATITUDE -37.505060
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 141.000474
* EAST LONGITUDE 153.638727
* SOUTH LATITUDE -37.505060
* NORTH LATITUDE -28.157020
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Fabiano Ximenes
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CONTACT'S ROLE publisher

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POSTAL CODE 2320
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ONLINE RESOURCE

LOCATION <http://www.resourcesandgeoscience.nsw.gov.au>
NAME NSW Resources and Geoscience website
DESCRIPTION The website of the NSW Department of Planning & Environment, Division of Resources and Geoscience
FUNCTION PERFORMED information

Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

MAINTENANCE CONTACT

INDIVIDUAL'S NAME Catherine Carney

ORGANIZATION'S NAME NSW Forest Science, Department of Primary Industries - Forestry

CONTACT'S POSITION Project Officer

CONTACT'S ROLE custodian

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COUNTRY AU

E-MAIL ADDRESS cath.carney@dpi.nsw.gov.au

[Hide Contact information ▲](#)

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Geographic

* GEOGRAPHIC COORDINATE REFERENCE GCS_GDA_1994

* COORDINATE REFERENCE DETAILS

GEOGRAPHIC COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 4283

X ORIGIN -400

Y ORIGIN -400

XY SCALE 999999999.99999988

Z ORIGIN -100000

Z SCALE 10000

M ORIGIN -100000

M SCALE 10000

XY TOLERANCE 8.9831528411952133e-009

Z TOLERANCE 0.001

M TOLERANCE 0.001

HIGH PRECISION true

LEFT LONGITUDE -180
LATEST WELL-KNOWN IDENTIFIER 4283
WELL-KNOWN TEXT GEOGCS["GCS_GDA_1994",DATUM["D_GDA_1994",SPHEROID
["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433],AUTHORITY["EPSG",4283]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 4283
- * CODESPACE EPSG
- * VERSION 8.3.4(3.0.1)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

- FEATURE CLASS NAME Bioenergy_Organic_Waste
- * OBJECT TYPE composite
 - * OBJECT COUNT 14

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

- FEATURE CLASS NAME Bioenergy_Organic_Waste
- * FEATURE TYPE Simple
 - * GEOMETRY TYPE Polygon
 - * HAS TOPOLOGY FALSE
 - * FEATURE COUNT 14
 - * SPATIAL INDEX TRUE
 - * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Distribution ►

DISTRIBUTION FORMAT

- * NAME File Geodatabase Feature Class
- VERSION 1.1

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT Bioenergy_Organic_Waste ►

- * TYPE Feature Class
- * ROW COUNT 14

FIELD OBJECTID ►

- * ALIAS OBJECTID
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD Shape ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 0

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Feature geometry.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD REGION_NAME ►

* ALIAS REGION NAME

* DATA TYPE String

* WIDTH 255

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

The region name

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field REGION_NAME ▲

FIELD REGION_TYPE ►

* ALIAS REGION TYPE

* DATA TYPE String

* WIDTH 255

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Outlines how the data is displayed (i.e. ABS SA4 Statistical Area, LGA, Renew NSW regional group, etc)

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field REGION_TYPE ▲

FIELD [RESIDUE_TYPE](#) ▶

- * ALIAS RESIDUE TYPE
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The type of residue been mapped (i.e. straw, manure, wood, MSW)

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

[Hide Field RESIDUE_TYPE](#) ▲

FIELD [RESIDUE_UNIT](#) ▶

- * ALIAS RESIDUE UNIT
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The unit the residue has been recorded in (i.e. Dry tonnes / year)

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

[Hide Field RESIDUE_UNIT](#) ▲

FIELD [BIOMASS_DESCRIPTION](#) ▶

- * ALIAS BIOMASS DESCRIPTION
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Brief description of the biomass been mapped

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

[Hide Field BIOMASS_DESCRIPTION](#) ▲

FIELD [TIMEFRAME](#) ▶

- * ALIAS TIMEFRAME
- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Year date/s that data was collected from or predicted for (i.e. 2011-2015)

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

[Hide Field TIMEFRAME](#) ▲

FIELD [TOTAL_RESIDUES](#) ▶

- * ALIAS TOTAL RESIDUES

- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The total organic waste component of MSW, C&I and C&D combined for the region

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field TOTAL_RESIDUES ▲

FIELD TOTAL_MSW_RESIDUES ►

- * ALIAS TOTAL MSW RESIDUES
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The total organic waste component of Municipal Solid Waste (MSW) for the region (made up of food, paper/cardboard, vegetation/compost and wood/wood products).

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field TOTAL_MSW_RESIDUES ▲

FIELD TOTAL_CI_RESIDUES ►

- * ALIAS TOTAL C&I RESIDUES
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The total organic waste component of Commercial & Industrial (C&I) for the region (made up of food, paper/cardboard, vegetation/compost and wood/wood products).

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field TOTAL_CI_RESIDUES ▲

FIELD TOTAL_CD_RESIDUES ►

- * ALIAS TOTAL C&D RESIDUES
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

The total organic waste component of Construction & Demolition (C&D) for the region (made up of paper/cardboard, vegetation/compost and wood/wood products).

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

Hide Field TOTAL_CD_RESIDUES ▲

FIELD NOTE ►

- * ALIAS NOTE

- * DATA TYPE String
- * WIDTH 255
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Any relevant additional information

DESCRIPTION SOURCE

NSW Forest Science, Department of Primary Industries - Forestry

[Hide Field NOTE ▲](#)

FIELD [Shape_Length ▶](#)

- * ALIAS Shape_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Length of feature in internal units.

- * DESCRIPTION SOURCE
Esri

- * DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

[Hide Field Shape_Length ▲](#)

FIELD [Shape_Area ▶](#)

- * ALIAS Shape_Area
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Area of feature in internal units squared.

- * DESCRIPTION SOURCE
Esri

- * DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

[Hide Field Shape_Area ▲](#)

[Hide Details for object Bioenergy_Organic_Waste ▲](#)

[Hide Fields ▲](#)

References ▶

PORTRAYAL CATALOGUE CITATION ▶

TITLE Waste - MSW, C&I and C&D - Organic
PUBLICATION DATE 2018-11-30 00:00:00

EDITION 1.3

OTHER CITATION DETAILS

It is recommended that this dataset be referred to as:

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[Hide Portrayal catalogue citation ▲](#)

[Hide References ▲](#)

Metadata Details ►

* METADATA LANGUAGE English (AUSTRALIA)
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 214B318C-9C08-4AAF-8FBF-83C30A8A5758

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2019-02-11

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE ISO 19139 Metadata Implementation Specification
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2019-02-01 13:54:35
LAST MODIFIED IN ARCGIS FOR THE ITEM 2019-02-11 15:24:51

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2019-02-11 15:24:51

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Fabiano Ximenes
ORGANIZATION'S NAME NSW Forest Science, Department of Primary Industries - Forestry
CONTACT'S POSITION Research Scientist
CONTACT'S ROLE custodian

CONTACT INFORMATION ►

PHONE
VOICE 0458 760 812

ADDRESS

TYPE **postal**
DELIVERY POINT **Locked Bag 5123**
CITY **Parramatta**
ADMINISTRATIVE AREA **NSW**
POSTAL CODE **2124**
COUNTRY **AU**
E-MAIL ADDRESS **fabiano.ximenes@dpi.nsw.gov.au**

[Hide Contact information ▲](#)

METADATA CONTACT

INDIVIDUAL'S NAME **Catherine Carney**
ORGANIZATION'S NAME **NSW Forest Science, Department of Primary Industries - Forestry**
CONTACT'S POSITION **Project Officer**
CONTACT'S ROLE **custodian**

CONTACT INFORMATION ►

PHONE
VOICE **0439 915 269**

ADDRESS

TYPE **postal**
DELIVERY POINT **Locked Bag 5123**
CITY **Parramatta**
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POSTAL CODE **2124**
COUNTRY **AU**
E-MAIL ADDRESS **cath.carney@dpi.nsw.gov.au**

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY **as needed**

MAINTENANCE CONTACT

INDIVIDUAL'S NAME **Catherine Carney**
ORGANIZATION'S NAME **NSW Forest Science, Department of Primary Industries - Forestry**
CONTACT'S POSITION **Project Officer**
CONTACT'S ROLE **custodian**

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E-MAIL ADDRESS **cath.carney@dpi.nsw.gov.au**

[Hide Contact information ▲](#)

Hide Metadata Maintenance ▲

Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼