



## Sentinel2 2016 Footprints

### Metadata

#### File Identifier

e5be252a-a951-aec3-3907-6f149ee8c9c6

#### Language

eng

#### Character Set

##### Character Set Code

utf8

#### Hierarchy Level

##### Scope Code

dataset

#### Hierarchy Level Name

dataset

### Contact

#### Responsible Party

##### Individual Name

Michael Cooper

##### Organisation Name

LUCAS, Ministry for the Environment

##### Position Name

GIS Analyst

#### Contact Info

##### Contact

##### Phone

##### Telephone

##### Voice

+64 (0)4 439 7411

##### Address

##### Address

##### Delivery Point

23 Kate Sheppard Place, PO Box 10362

##### City

Wellington 6143

Country

New Zealand

Electronic Mail Address

lucas@mfe.govt.nz

Role

Role Code

distributor

Date Stamp

Date

2017-03-03

Metadata Standard Name

ANZLIC Metadata Profile: An Australian/New Zealand Profile of AS/NZS ISO 19115:2005, Geographic information - Metadata

Metadata Standard Version

1.1

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

2193

Identification Info

Data Identification

Citation

Citation

Title

MFE\_ANZLIC\_Sentinel2\_2016

Date

Date

Date

Abstract

This imagery is 10m, ten-band multispectral, cloud-minimised mosaics of Sentinel 2A satellite tiles over mainland New Zealand made from scenes captured late-2015/early-2016.

Purpose

This imagery is used by the Land Use Carbon Analysis System (LUCAS) at the New Zealand Ministry for the Environment to map and quantify changes in New Zealand land use. This information is used to calculate greenhouse gas emissions and removals for the Land Use, Land Use Change and Forestry (LULUCF) sector toward

meeting our international reporting obligations under the Kyoto Protocol and United Nations Framework Convention on Climate Change (UNFCCC).

#### Credit

European Space Agency (capture, orthorectification)

#### Credit

Manaaki Whenua - Landcare Research (mosaicking)

#### Status

##### Progress Code

completed

#### Resource Maintenance

##### Maintenance Information

##### Maintenance And Update Frequency

##### Maintenance Frequency Code

notPlanned

#### Resource Format

##### Format

##### Name

\*.xml

##### Version

Unknown

#### Descriptive Keywords

##### Keywords

##### Keyword

New Zealand

##### Type

##### Keyword Type Code

theme

##### Thesaurus Name

##### Citation

##### Title

ANZLIC Jurisdictions

##### Date

##### Edition

Version 2.1

##### Edition Date

##### Date

2008-10-29

##### Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml#anzlic-jurisdic>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Descriptive Keywords

Keywords

Keyword

LAND-Use

Keyword

LAND-Cover

Keyword

PHOTOGRAPHY-AND-IMAGERY-Satellite

Keyword

FORESTS

Type

Keyword Type Code

theme

Thesaurus Name

Citation

Title

ANZLIC Search Words

Date

Edition

Version 2.1

Edition Date

Date

2008-05-16

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-theme.xml#anzlic-theme>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

#### Resource Constraints

Legal Constraints

Use Limitation

Unrestricted - produced from European Space Agency remote sensing data

Access Constraints

Restriction Code

license

#### Resource Constraints

Legal Constraints

Use Limitation

Unrestricted - produced from European Space Agency remote sensing data

Use Constraints

Restriction Code

license

#### Spatial Representation Type Code

grid

10

#### Language

eng

#### Character Set

Character Set Code

utf8

#### Topic Category Code

imageryBaseMapsEarthCover

#### Extent

EX\_ Extent

Geographic Element

EX\_ Geographic Description

Identifier

Authority

Citation

Title

ANZMet Lite Country codelist

Date

Edition

Version 1.0

Edition Date

Date

2009-03-31

Identifier

Identifier

Code

<http://asdd.ga.gov.au/asdd/profileinfo/anzlic-country.xml#Country>

Cited Responsible Party

Responsible Party

Organisation Name

ANZLIC the Spatial Information Council

Role

Role Code

custodian

Code

nzl

Extent

EX\_ Extent

Geographic Element

EX\_ Geographic Bounding Box

166.412258178.589093-47.298592-34.389

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Individual Name

Michael Cooper

Organisation Name

LUCAS, Ministry for the Environment

Position Name

GIS Analyst

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lucas@mfe.govt.nz

Role

Role Code

distributor

Distributor Format

Format

Name

unspecified

Version

unspecified

Specification

16-bit signed, ERDAS IMAGINE .img format, ESRI ArcGIS projection definition assigned subsequently

Transfer Options

Digital Transfer Options

On Line

Online Resource

Linkage

URL

<https://data.mfe.govt.nz/layer/53646-sentinel2-2016-footprints/>

Data Quality Info

DQ \_ Data Quality

Scope

DQ \_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

## Lineage

### LI \_ Lineage

#### Statement

Component ortho-rectified Sentinel 2A tiles in UTM projection were sourced from the European Space Agency (ESA). Bands: 1 ("B2" 490nm), 2 ("B3" 560nm), 3 ("B4" 665nm), 4 ("B5" 740nm), 5 ("B6" 740nm), 6 ("B7" 783nm), 7 ("B8" 842nm), 8 ("B8a" 865nm), 9 ("B11" 1610nm), 10 ("B12" 2190nm) Note: All bands not already 10m resolution are pan-sharpened to 10m from nominal 20m. Pan-sharpening, conversion to NZGD2000 New Zealand Transverse Mercator projection, atmospheric correction, BRDF correction, cloud-clearing, date-prioritising and cloud-minimised mosaicking completed by Landcare Research NZ.

## Metadata Constraints

### Legal Constraints

#### Use Limitation

Creative Commons Attribution 3.0 New Zealand by Ministry for the Environment

### Access Constraints

#### Restriction Code

license

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