



## SPOTMaps 2009 Footprints

### Metadata

#### File Identifier

aad3270c-caf5-90fc-0a69-ad05d117adb5

#### 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

2014-07-17

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\_SPOTMaps\_2009

Date

Date

Date

Abstract

This imagery is 2.5m, three-band (B, G, R) cloud-minimised mosaics of SPOT 5 satellite scenes over mainland New Zealand. Note that the blue band is artificial.

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).

## 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

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Access Constraints

Restriction Code

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Resource Constraints

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Use Limitation

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Use Constraints

Restriction Code

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Spatial Representation Type Code

grid

2.5

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

imageryBaseMapsEarthCover

Extent

EX\_ Extent

Geographic Element

EX\_ Geographic Bounding Box

166.412258178.589093-47.298592-34.389

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

Distribution Info

Distribution

Distributor

Distributor

Distributor Contact

Responsible Party

Individual Name

Michael Cooper

Organisation Name

LUCAS, Ministry for the Environment

Position Name

GIS Analyst

Contact Info

Contact

Phone

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23 Kate Sheppard Place, PO Box 10362

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Wellington 6143

Country

New Zealand

Electronic Mail Address

lucas@mfe.govt.nz

Role

Role Code

distributor

Distributor Format

Format

Name

external hard drive

Version

unspecified

Specification

444 1:50,000 tiles, 8-bit unsigned, geoTIFF .tif format, ESRI ArcGIS projection definition assigned subsequently

## Transfer Options

### Digital Transfer Options

#### On Line

##### Online Resource

###### Linkage

###### URL

<https://data.mfe.govt.nz/layer/53650-spotmaps-2009-footprints/>

## Data Quality Info

### DQ \_ Data Quality

#### Scope

##### DQ \_ Scope

###### Level

###### Scope Code

dataset

###### Level Description

###### Scope Description

###### Other

dataset

## Lineage

### LI \_ Lineage

#### Statement

Imagery acquired by the SPOT 5 sensor (2.5m Pan, 10m G, R, NIR, 20m SWIR). Scene segments have been orthorectified to the New Zealand Transverse Mercator Geodetic Datum 2000 (NZTM 2000) coordinate system. The multispectral imagery was pan sharpened to create a 2.5m colour image for each segment at the sensor processing level. This 2.5m imagery was imported into Pixel Factory for the orthorectification and mosaicing. Aerial ortho-photography provided by Land Information New Zealand (LINZ) was used for the horizontal ground control. The Landcare Research 15m DEM in NZTM projection provided elevation information. The segments were merged to create a seamless mosaic in which cloud cover was minimised. The segments were contrast matched to reduce join lines and create an 8-bit RGB (pseudo natural colour) image. This mosaic is delivered in tiles which equate to the NZTM 1:50k map sheet tiles.

## Metadata Constraints

### Legal Constraints

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