



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

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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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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

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City

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

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