



LUCAS NZ Forest LiDAR Footprints

Metadata

File Identifier

c5dc32c1-c9e0-5215-aeec-34f85420f0c9

Language

eng

Character Set

Character Set Code

utf8

Hierarchy Level

Scope Code

dataRepository

Hierarchy Level Name

dataRepository

Contact

Responsible Party

Individual Name

Michael Cooper

Organisation Name

LUCAS, Ministry for the Environment

Position Name

GIS Analyst

Contact Info

Contact

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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

2017-09-12

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**

LUCAS NZ Forest LiDAR

Date**Date****Date****Abstract**

Ministry for the Environment, Land Use Carbon Analysis System collection of swaths of LiDAR over planted forests of interest (raw and classified returns) from 2006 to 2015.

Purpose

Used to quantify carbon content of planted forests in NZ as part of Land Use Change and Forestry (LULUCF) sector carbon accounting for national Net Position, Kyoto Protocol and United Nations Framework Convention on Climate Change (UNFCCC) reporting.

Status**Progress Code**

completed

Resource Maintenance**Maintenance Information****Maintenance And Update Frequency****Maintenance Frequency Code**

irregular

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

FORESTS-Plantation

Keyword

LAND-Cover

Keyword

INDUSTRY-Primary

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

Creative Commons Attribution 3.0 New Zealand by Ministry for the Environment

Access Constraints

Restriction Code

license

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

license

Spatial Representation Type Code

vector

Language

eng

Character Set

Character Set Code

utf8

Topic Category Code

elevation

Topic Category Code

environment

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

167.535615058178.468905299-46.6030823102-34.4199199831

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

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lucas@mfe.govt.nz

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Transfer Options
Digital Transfer Options
On Line
Online Resource
Linkage
URL
<https://data.mfe.govt.nz/layer/88106-lucas-nz-forest-lidar-footprints/>

Data Quality Info
DQ _ Data Quality
Scope
DQ _ Scope
Level
Scope Code
dataRepository
Level Description
Scope Description
Other
dataRepository

Lineage
LI _ Lineage
Statement
LiDAR swaths were captured with Optech sensors as part of a plot-based forest inventory system developed for pre-1990 planted forests. Plot sites cover a circular area with a radius of 85m (0.06 ha). LiDAR data and aerial photography typically was collected between plots where the inter-site area was also planted forest. Typically Precise Point Positioning (PPP) algorithms were used to improve the POS GPS/IMU locating data. DTM point cloud classification was undertaken using editing software such as TerraSolid TerraScan.

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