



Sentinel2 2019 Footprints

Metadata

File Identifier

69c0ecb3-71cd-1e6e-b78c-75997e3acde5

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 22 493 0542

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
2019-07-23

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_2019

Date

Date

Date

Abstract
This imagery is a 10m, ten-band multispectral, cloud-minimised mosaic of Sentinel 2A and 2B satellite tiles over mainland New Zealand made from scenes captured late-2018/early-2019.

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

Creative Commons Attribution 4.0 International 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

grid

10

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

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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

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Contact

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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/103530-sentinel2-2019-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 and 2B tiles in UTM projection were sourced from the European Space Agency (ESA). Bands: 1 ("B2" 490nm), 2 ("B3" 560nm), 3 ("B4" 665nm), 4 ("B5" 705nm), 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.

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