

# Christchurch 0.075m Urban Aerial Photos (2018-2019)

## Metadata

### File Identifier

D9D4EE78-3025-495B-8748-AFFF43F7253A

### Language

eng

### Character Set

#### Character Set Code

utf8

### Hierarchy Level

#### Scope Code

dataset

### Hierarchy Level Name

dataset

## Contact

### Responsible Party

#### Organisation Name

LINZ - Land Information New Zealand

#### Position Name

National Imagery Manager

### Contact Info

#### Contact

##### Phone

##### Telephone

##### Voice

04 4600110

##### Address

##### Address

##### Delivery Point

155 The Terrace

##### City

Wellington

##### Postal Code

6145

**Country**

New Zealand

**Electronic Mail Address**

info@linz.govt.nz

**Role****Role Code**

pointOfContact

**Date Stamp****Date**

2020-10-01

**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**

Christchurch 0.075m Urban Aerial Photos (2018-2019)

**Date****Abstract**

Orthophotography for urban areas across Christchurch City totalling approximately 524 km<sup>2</sup>. Taken in the flying season (summer period) 2018-19. The area of capture is located in the Canterbury Region of the South Island. Imagery was captured for Environmental Canterbury by Aerial Surveys Ltd, Unit A1, 8 Saturn Place, Albany, 0632, New Zealand. Data comprises:

- 7984 ortho-rectified RGB GeoTIFF images in NZTM projection, tiled into the LINZ Standard 1:500 tile layout
- Tile layout in NZTM projection containing relevant information. The supplied imagery is in terms of New Zealand Transverse Mercator (NZTM) map projection. Please refer to the supplied tile layout for specific details, naming conventions, etc. Imagery supplied as 7.5 cm pixel resolution (0.075m GSD), 3-band (RGB) uncompressed GeoTIFF. The final spatial accuracy is  $\pm 0.15$  m @ 95% confidence level. Index tiles for this dataset are available as layer [Christchurch 0.075m Urban Aerial Photos Index Tiles (2018-

2019)](<http://data.linz.govt.nz/layer/105045>)

## Status

Progress Code

completed

## Point Of Contact

Responsible Party

Organisation Name

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Role

Role Code

pointOfContact

## Resource Maintenance

Maintenance Information

Maintenance And Update Frequency

Maintenance Frequency Code

notPlanned

## Resource Format

Format

Name

\*.xml

Version

Unknown

Resource Constraints

Security Constraints

Classification

Classification Code

unclassified

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

copyright

Resource Constraints

Legal Constraints

Use Limitation

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Use Constraints

Restriction Code

license

Spatial Representation Type Code

grid

Representative Fraction

Denominator

Integer

500

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

Data Quality Info

DQ \_ Data Quality

Scope

DQ \_ Scope

Level

Scope Code

dataset

Level Description

Scope Description

Other

dataset

Lineage

LI \_ Lineage

## Statement

Project Aerial photography was captured over the urban areas in the Christchurch City totalling approximately 524 km<sup>2</sup>. The areas of capture are located in the Canterbury Region of the South Island. Data Acquisition Aerial photography was captured using Vexcel's digital UCE camera: 5-6 November, 2018, 17 December 2018, 24 December 2018, 27 January 2019, 9 February 2019, 26 March 2019. Ground Support New/existing control and LINZ benchmarks were used for aerial triangulation. Camera All photography was captured using Vexcel's digital UCE camera and flown at: 0.075 m GSD: 4,732 ft (1,441 m) flying height Camera Lens: 100 mm Sun Angle Imagery captured with a sun angle between 43.8 and 69.1 degrees Flight Planning SN14003 Selwyn: 65 runs, 1,058 frames SN14008 Waimate: 19 runs, 247 frames SN14009 Christchurch: 44 runs, 2,273 frames SN14010 Banks Peninsula: 24 runs, 459 frames Stereo capture: Forward overlap 60%, min 54%. Side overlap 35%, min 15%. Environmental Specification Imagery captured with no cloud or cloud shadow within the area of interest. Coastal and harbour areas captured within two hours either side of low tide. Urban Building Displacement Specification Urban 0.075 m GSD imagery – by flying with 60% forward overlap and with 35% sidelap (standard stereo coverage), 1 m building lean per 3 m height in the corners of the imagery. Christchurch CBD and University of Canterbury areas flown with 80% forward with 80% sidelap to achieve <0.37 m per 3 m height over areas with tall buildings.

## Metadata Constraints

### Legal Constraints

#### Use Limitation

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##### Restriction Code

copyright

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