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CORPORATE IMAGE DATASETS

ABRIDGED AERIAL PHOTOGRAPHY METADATA

A. Introduction

This Metadata document serves to tabulate and describe the image data hosted by the City of Tshwane that is served internally via ESRI's Image Server. The Metadata document covers the imagery data supplied to external users.

B. Aerial Photography

1. Identification Information:

1.1. Citation:

Citation Information:

Originator: Corporate Geo-Information Management; City of Tshwane

Publication Date: Continuous.

Title: Aerial Photography Datasets

Data Presentation Form: Image data

2. Description:

Abstract: Image Data is stored in ESRI's Image Server environment for access to personnel throughout the City of Tshwane.

Purpose: To provide a source of value-added information for all users and custodians of spatial information in the City of Tshwane.

3. Time Period of Content:

3.1. Time Period Information:

Calendar Date: Periodically updated.

3.2. Currentness Reference:

Current, unless otherwise specified in this document.

4. Content Status:

4.1. Progress:

Continuous.

4.2. Maintenance and Update Frequency:

Updated periodically as new datasets become available.

5. Spatial Reference Information:

Unless otherwise stated the Spatial Reference System for any individual image dataset is as described in this Section.

5.1. Horizontal Coordinate System Definition:

Coordinate system name:

Projected coordinate system name: WG29

Geographic coordinate system name: GCS_Hartebeesthoek_1994

5.2. Planar:

Map Projection:

Map Projection Name: Transverse Mercator

Transverse Mercator:

Scale Factor at Central Meridian: 1.000000

Longitude of Central Meridian: 29.000000

Latitude of Projection Origin: 0.000000

False Easting: 0.000000

False Northing: 0.000000

Planar Coordinate Information:

Planar Coordinate Encoding Method: Coordinate pair

Coordinate Representation:

Abscissa Resolution: 0.000064

Ordinate Resolution: 0.000064

Planar Distance Units: Meters

5.3. Geodetic Model:

Horizontal Datum Name: D_Hartebeesthoek_1994

Ellipsoid Name: WGS_1984

Semi-major Axis: 6378137.000000

Denominator of Flattening Ratio: 298.257224

6. Data Reference Information:

6.1. Metadata Date:

March 2019

6.2. Metadata Contact:

Contact Information:

Contact Organization: City of Tshwane Metropolitan Municipality

City of Tshwane Metadata – Spatial Data Catalogue

Department: Shared Services
Contact Organization: Corporate Geo-Information Management
Contact Person: Thiloshini Cunnan
Contact Address: ThiloshiniC@tshwane.gov.za
Contact Voice Telephone: +27 12 358 4688

1. Aerial Photography Datasets

1. Dataset: Aerial_2013

a) Abstract:

A colour aerial photography dataset covering the post 2011 geographical area of Tshwane Municipality (includes the incorporated District Municipality of Metsweding).

b) Time Period Information:

Date of photography: August 2013

c) Image Information:

Format: ECW

Pixel type: Unsigned 8-bit Integer

Bit Depth: 8

Number of bands: 3

Colour space: RGB

GSD Pixel Size: 0.10m

Distribution Format: ECW

d) Constraints on accessing and using the data:

Access constraints: None.

Use constraints: Viewing only.

2. Dataset: Aerial_2018

e) Abstract:

A colour aerial photography dataset covering the geographical area of Tshwane Municipality (includes the incorporated District Municipality of Metsweding).

f) Time Period Information:

Date of photography: May 2018

g) Image Information:

Format: ECW

Pixel type: Unsigned Integer

Bit Depth: 8

Number of bands: 3

Colour space: RGB

GSD Pixel Size: 0.10m

Distribution Format: ECW

h) Constraints on accessing and using the data:

Access constraints: None.

Use constraints: Viewing only.

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