

Metadata Report

Project Name Survey of Skyline Drive Area, Cañon City, Colorado, April 2021

Summary

This Unoccupied Aerial Vehicle (UAV) survey was flown to provide geology field camp students with a high-resolution orthomosaic, Digital Elevation Model (DEM), and Point Cloud of the Skyline Drive area near Cañon City, Colorado. The area contains folded Cretaceous strata in the Frontal Range. The site contains dinosaurs tracks in the Morrison Formation. The area contains hiking trails popular with residents and tourists.

Personnel

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Site Information

- Site description: The area shows monocline of Cretaceous beds dipping to the east in the Frontal Range.
- Site objective: To capture high-resolution orthomosaic, Digital Elevation Model (DEM), and Point Cloud of the Skyline Drive area near Cañon City, Colorado.
- Site conditions: Surveys were conducted during a sunny and clear day.

Survey Results

- Equipment used: We used a DJI Phantom Pro 4 with a camera

Products

- Date of dataset collection: April 2 2021
- Coordinate system of datasets: WGS84
- Spatial resolution: 3.59 cm/pix
- Data processing methods: Agisoft Photoscan