

## Metadata Report

*Note: This is a suggested template for descriptive metadata for datasets uploaded to the OpenTopography Community Dataspace. Information below is optional, but please fill in fields as appropriate. The goal of this document is to enable data reuse, so please provide as much information as possible.*

Project Name *Note: This title will be used in your data citation, so make it unique and descriptive. It's best to follow a template of "Measured Feature, Location, Date" For example:*

*Survey of the Purgatorio Fault, South Peru: Zone 1, March 2020*

### Summary

A small photogrammetry-derived DEM of late Quaternary and historic fault scarps along the Purgatorio Fault within the Southern Peru forearc.

### Personnel

- PI(s): Carlos Benavente
- Field staff: Anderson Palomino  
Briant García  
Lorena Rosell  
Enoch Aguirre
- Additional team members

### Site Information

- Site description:

Area where a historic earthquake rupture was recorded in 1715.

- Site objective

#### Active Tectonics

- Site location (GPS cords and/or map)

-17.454721° - -70.670483°

- Site conditions

Hiper-arid zone

- Date/time spent at each site

#### Survey Results

- Equipment used : Ebbe drone, phatom drone and GPSd
- GPS solutions
- Errors : 0.1 m
- Alignments
- Collection methods : drone survey

#### Products

##### **Mirave1DroneUTM.laz**

- Date of dataset collection : March 2020
- Coordinate system of datasets : WGS 84 / UTM zone 19S [EPSG: 32719]  
Structure
- Spatial resolution
- Horizontal Accuracy : 100pt/m2
- Data formats : Point Cloud
- Data processing methods : Structure from Motion / Photogrammetry

##### **Mirave2DroneUTM.laz**

- Date of dataset collection : March 2020
- Coordinate system of datasets : WGS 84 / UTM zone 19S [EPSG: 32719]  
Structure
- Spatial resolution
- Horizontal Accuracy : 100pt/m2
- Data formats : Point Cloud
- Data processing methods : Structure from Motion / Photogrammetry

##### **Mirave3DroneUTM.laz**

- Date of dataset collection : March 2020
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#### Misc Notes

