Metadata Report

Project Name
Lagoinha landslide, São Paulo State, Brazil. SfM-MVS point cloud

Summary
Structure-from-Motion point cloud covering a hillslope with a small landslide. Survey conducted by Tomasini Co. under research grant FAPESP #2016/06628-0 "Application of high-resolution digital elevation models in geology and geomorphology".

Personnel
- PI: Carlos Henrique Grohmann
- Field staff: Elton B. Gomes, Guilherme P.B. Garcia, Camila D. Viana

Site Information
- Hillslope with landslide, north of the Cunha city, São Paulo State, southeastern Brazil
- TLS data
- UTM 23 South LL: 499060/7451550, UR:499310/7451900
- Field work May 07, 2018

Survey Results
- UAV: DJI Phantom 4 Pro

Products
- Date of dataset collection: May 07, 2018
- Coordinate System: UTM 23 South (EPSG: 32723)
- Format: LAZ
- Data processing methods: SfM-MVS (Agisfot Metashape Pro 1.5.1)

Last Edited: 2/27/19

Misc Notes

Data exported from Agisfot Metashape as a single LAZ file. Processed with LAStools to split into smaller clouds (9,000,000 points each), thin with a grid a 0.01m and assign spatial projection.

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