

Metadata Report

Project Name

Lagoinha landslide, São Paulo State, Brazil. TLS point cloud

Summary

Terrestrial LiDAR 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

- TLS data collected with a FARO Focus S150

Products

- Date of dataset collection: May 07, 2018
- Coordinate System: UTM 23 South (EPSG: 32723)
- Format: LAZ
- Data processing methods: LAStools



Misc Notes

Data received from contractor (Tomasini Co.) 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.