

Metadata Report

Project Name

“Satellite derived point clouds of the Kura thrust belt near Shamakhi, Azerbaijan, 2021”

Summary

Personnel

- PI(s): Ian Pierce, Richard Walker
- Field staff: N/A
- Additional team members: Neill Marshall

Site Information

- Site description: ~100 km of the eastern part of the Kura fold-thrust belt
- Site objective: Understanding paleoearthquakes in the thrust belt and tectonic geomorphology.
- Site location (GPS cords and/or map): 40.6, 48.1
- Site conditions: good
- Date/time spent at each site: Nov 2021; April-May 2022; May 2023

Survey Results

- Equipment used: Pleiades bi-stereo optical satellite imagery
- GPS solutions: N/A
- Errors: Undefined
- Alignments
- Collection methods

Products

- Date of dataset collection: June 14 2021
- Coordinate system of datasets WGS 1984; UTM Z39N
- Spatial resolution: ~1 m/pixel when gridded.
- Horizontal Accuracy: Undefined
- Vertical Accuracy: Undefined
- Data formats: LAZ
- Data processing methods: Agisoft Metashape Professional processing of each individual pair and then merging chunks. Seamlines may exist at image boundaries.

Misc Notes

No ground control was used so accuracy is poor.