

Metadata Report

Project Name *Survey of the Salyan region, Azerbaijan 2022*

Summary *This dataset shows a reverse fault that uplifted the river terrace near Salyan, Azerbaijan. These data were collected using a Phantom 4 Pro v2.0 with Teokit dGPS system. All heights are ellipsoidal.*

Personnel

- PI(s) *Richard Walker*
- Field staff *Neill Marshall, Ian Pierce, Ilyas Kazimov*
- Additional team members

Site Information

- Site description: The sites is near Salyan, Azerbaijan and shows uplifted river terraces.
- Site objective: The objective was to show the fault scarp and displacement of the fault.
- Site location (GPS cords and/or map): 39.59 N, 49.06E
- Site conditions
- Date/time spent at each site

Survey Results

- Equipment used Emlid Reach RS2 as base station & single GCP. Phantom Pro v2.0 UAS with Teokit dGPS
- GPS solutions : 1 base station/GCP used
- Errors: 0.2 cm accuracy in PPP of base station, 5 cm accuracy of photo locations
- Alignments
- Collection methods



Products

- Date of dataset collection: 10th May 2022
- Coordinate system of datasets: WGS 84 UTM 38N
- Spatial resolution: 5 cm/pix ortho, 2.8 cm/pix DEM
- Horizontal Accuracy: 0.2 m
- Vertical Accuracy: 0.2 m
- Data formats: TIF, LAZ
- Data processing methods: Agisoft Metashape processing of imagery & DEMs.

Misc Notes