

Metadata Report

Project Name

“Point clouds derived from satellite imagery, Dzhungarian Fault, Kazakhstan”

Summary

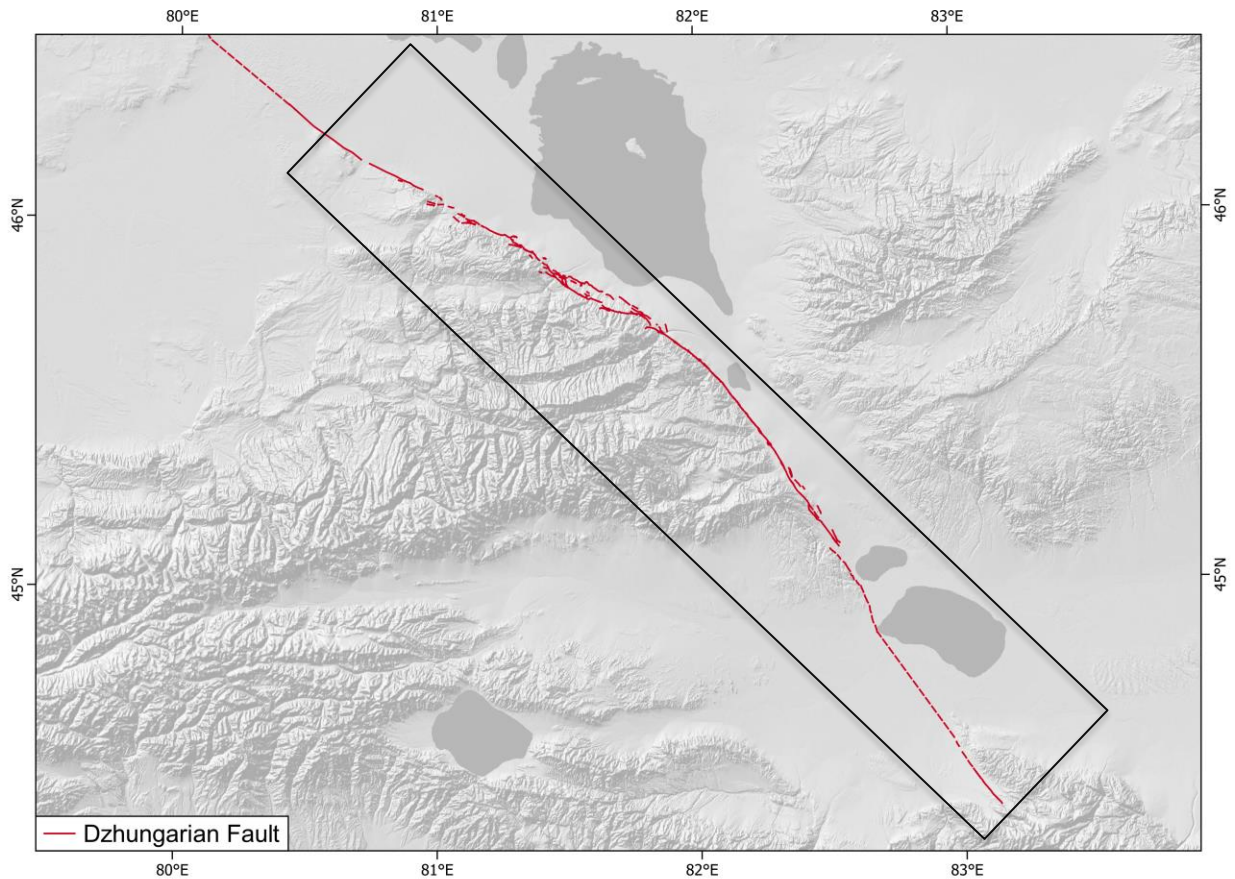
This dataset contains a ~280 km long section of the Dzhungarian Fault (Bo-A Fault) running across Kazakhstan and China. The point cloud data were derived via photogrammetric methods by Leica Photogrammetry Suite built in ERDAS Imagine from data acquired by Airbus Defence and Space (Pleiades bi-stereo optical imagery).

Personnel

- PI(s): Richard Walker
- Field staff: N/A
- Additional team members: Chia-Hsin (Wendy) Tsai

Site Information

- Site description: The ~280 km section of the Dzhungarian Fault
- Site objective: Surface ruptures along the Dzhungarian Fault
- Site location (GPS cords and/or map): (From Usharal Town to south of Jinghe Town)



- Site conditions: Good
- Date/time spent at each site: 05/29/2016, 06/10/2016-06/11/2016, 06/08/2019, 06/14/2019, 06/21/2019, 06/27/2019

Survey Results

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



Products

- Date of dataset collection: 05/29/2016, 06/10/2016-06/11/2016, 06/14/2019
- Coordinate system of datasets: WGS 84 / UTM zone 44N
- Spatial resolution: 1 m
- Horizontal Accuracy
- Vertical Accuracy
- Data formats: .laz
- Data processing methods: Leica Photogrammetry Suite built in ERDAS Imagine 2018

Misc Notes