Suusamyr Basin, thrust fault NE of Suusamyr

Target: Fault scarp of a E-W striking, S-dipping reverse fault in the Suusamyr Basin in Kyrgyzstan
Purpose: Identifying paleo-ruptures and measuring slip rates
Uploader:
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Survey date: 2016-06-16
Survey method: Structure-from-Motion from UAV aerial images
UAV: DJI Phantom 2
Flight altitude: 60-80 m
Camera: Canon PowerShot SX230 HS
Positioning: built-in camera GPS, ground control points measured with RTK DGPS
SfM software: AgiSoft Photoscan Professional
DEM size: 12,828 x 5082 pixels
DEM extent: 726,585 m²
DEM elevation: 2505 - 2712 m asl
DEM Resolution: 0.14 m/pixel
DEM EPSG: 4326
DEM filetype: GeoTIFF

Orthophoto size: 43990 x 36669 pixels
Orthophoto EPSG: 4326
Orthophoto filetype: GeoTIFF

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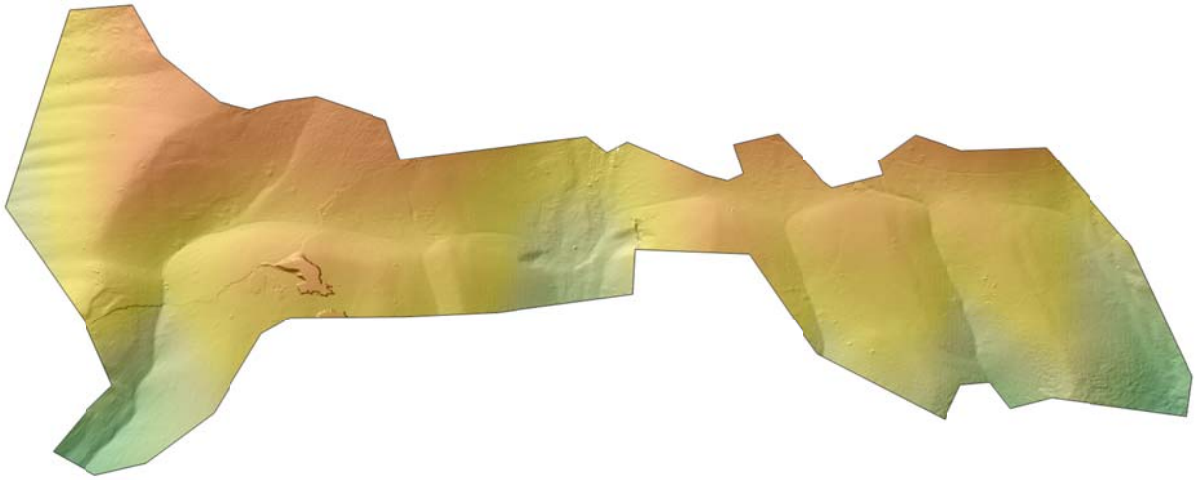
Reference: Grützner, C., Walker, R., Ainscoe, E., Elliott, A., & Abdrakhmatov, K. (2019). Earthquake Environmental Effects of the 1992 MS7. 3 Suusamyr Earthquake, Kyrgyzstan, and Their Implications for Paleo-Earthquake Studies. *Geosciences*, *9*(6), 271.



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