

Banjšice trench site, Predjama Fault, Slovenia

Target: Paleoseismological trench site at the Predjama Fault, Banjšice, Slovenia

Purpose: Looking into possible surface deformation due to Holocene earthquakes

Uploader:

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Survey date: 2018-09-25

Survey method: Structure-from-Motion from UAV aerial images

UAV: DJI Phantom 4

Flight altitude: 60-80 m

Positioning: built-in drone GPS

SfM software: AgiSoft Metashape Professional

DEM size: 11,077 x 7143 pixels

DEM extent: 34,144 m²

DEM elevation: 504 - 557 m asl

DEM Resolution: 0.04 m/pixel

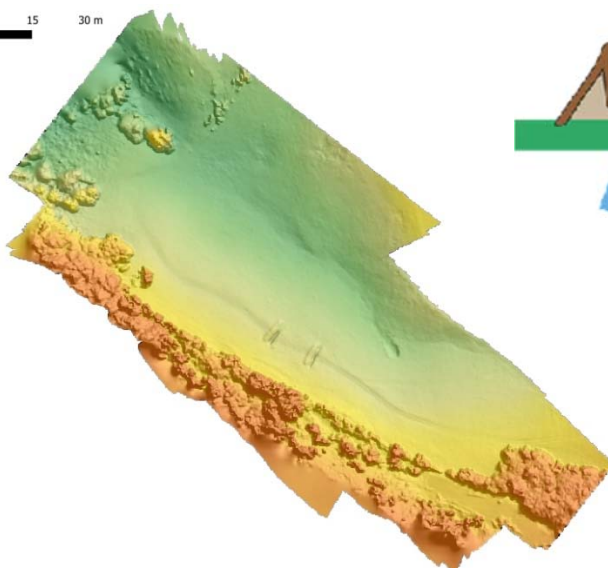
DEM EPSG: 4326

DEM filetype: GeoTIFF

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Reference: Grützner, C., Aschenbrenner, S., Jamšek Rupnik, P., Reicherter, K., Saifelislam, N., Vičič, B., Vrabec, M., Welte, J., and Ustaszewski, K.: Holocene surface rupturing earthquakes on the Dinaric Fault System, western Slovenia, *Solid Earth Discuss.* [preprint], <https://doi.org/10.5194/se-2021-7>, in review, 2021.

0 15 30 m



Mountain Building
Processes in 4D