Dataset Name:
Digital Elevation Model of Dabbahu volcano, Ethiopia

Collection Platform:
Airborne Lidar

References:


Hunt, J. A., D. M. Pyle, and T. A. Mather (in review, 2019). The geomorphology, structure and lava flow dynamics of peralkaline rift volcanoes from high-resolution digital elevation models, Geochemistry, Geophysics, Geosystems

Dataset Overview:
Lidar data were acquired by the UK Natural Environmental Research Council’s Airborne Research and Survey Facility (NERC ARSF) in October 2009. From this data, a DEM of 0.5 m pixel resolution was generated by Barnie et al. (2016); full details of processing are provided in Hofmann (2013).

Dataset Acknowledgement:
Airborne lidar for Dabbahu was acquired by the NERC ARSF and processed at the University of Leeds as part of the Afar Rift Consortium (NE/E007414/1).

Date Acquired: October 2009

Area: 518.13 km^2
Pixel size: 0.5 m
Co-ordinate system: WGS84 / UTM Zone 37N [EPSG:32627]