

Dataset Name:  
Point Cloud of Gedemsa volcano, Ethiopia

Collection Platform:  
Pleiades-HR 1A

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*

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Dataset Overview:  
The point cloud was generated from Pleiades stereo  
panchromatic optical images with 50 cm resolution. The data  
were processed using the Leica Photogrammetry Suite within  
ERDAS Imagine.

Dataset Acknowledgement:  
Funding for Pleiades imagery was provided by a grant from  
COMET (NERC Centre for the Observation and Modelling of  
Earthquakes, Volcanoes, and Tectonics).  
Processing work was supported by a studentship from NERC as  
part of the Environmental Research DTP (University of Oxford).

Date Acquired (DD/MM/YYYY): 23/03/2014

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Total points in cloud: 119,016,088 pts

Co-ordinate system: WGS84 / UTM Zone 37N [EPSG: 32637]