

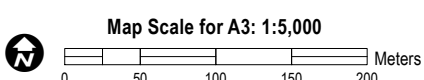


Damage assessment of Lero area in Central Sulawesi

This map illustrates satellite-detected building damage assessment as of 02 October 2018, over Lero area northeastern Palu city in Central Sulawesi following the 7.5 magnitude earthquake and subsequent tsunami of the 28th of September 2018. The analysis was conducted using a post-event Worldview-3 satellite image acquired 2 October 2018. UNITAR-UNOSAT identified in the analysed area 197 potentially damaged structures. Taking into account the pre-building footprints provided by Humanitarian OpenStreetMap, this represents 19% of the total number of structures within this analysed zone of Lero. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR – UNOSAT.

Legend

- Potentially damaged structure
- Populated place
- Highway/primary road
- Local road



Analysis conducted with ArcGIS v10.4.1

Coordinate System: WGS 1984 UTM Zone 50S
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Satellite Data : Worldview-3
Imagery Date : 2 October 2018
Resolution: 40 cm
Copyright: 2018 DigitalGlobe
Source: USGS-HDDS

Road Data : OpenStreetMap
Administrative boundaries: BPS
Building footprint: HOT OSM
Other Data: USGS, UNCS, NASA, NGA
Analysis : UNITAR - UNOSAT
Production: UNITAR - UNOSAT

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