Volcano de Fuego: Estimation of damaged buildings in San Miguel de Los Lotes and surrounding area, Guatemala

This map illustrates an estimation of the number of buildings potentially affected by pyroclastic flow detected by Copernicus EMS using a Sentinel-2 satellite image collected on 4 June 2018. UNITAR-UNOSAT estimates 411 buildings / structures within the pyroclastic flow, ~ 260 of which are located inside the community of San Miguel de Los Lotes. Industrial sites and the resort of La Reunion are also included in the extent of this pyroclastic flow. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend
・ Number of buildings within pyroclastic flow
  - Potentially damaged building
  - Pyroclastic flow as of 4 June 2018 (Copernicus EMS)

Map Scale for A3: 1:35,000

Analysis conducted with ArcGIS v10.4.1
Coordiata System: WGS 1984 UTM Zone 15N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter