Preliminary Co-seismic Landslide Inventory Map for Chone, Ecuador

Interpretation
This satellite image interpretation shows a landslide inventory map produced by the British Geological Survey. The scale of mapping was between 1:1,000 and 1:10,000 and the satellite image resolution is 0.5 m. Insets show detailed mapping.

The hilly topography of the Chone area does not appear to be affected by co-seismic landslides. Only 2 small translational slides were identified, but it is uncertain whether these are triggered by the earthquake. This inventory requires field verification.

Cartographic information
Geographical system: WGS84 Geographic (DMS)

Data sources
Satellite data:
Pleiades © CNES 2016, Distribution Airbus DS
(Imagery acquired 19 April 2016)
Vector data:
Cities, Boundaries © OpenStreetMap

Framework
International Charter Disaster Activation 564, coordinated by UNOSAT.

This inventory was prepared in rapid mapping mode using a combination of satellite image interpretation and sourcing information from news reports and crowdsourcing.

No liability concerning the content or use thereof is assumed by the producer. Product published 25 April 2016 and designed for viewing at A0 paper size.

Disaster coverage by the International Charter ‘Space and Major Disasters’. For more information on the Charter, which is concerned with assisting the disaster relief organizations with multisatellite data, please visit www.disasterscharter.org

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Legend

Dominant Landslide Type

Epicenter

Translational

Rotational

Translational, rotational

Liquefaction, flow

Town

Chone

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(Imagery acquired 19 April 2016)