# Guatemala landslide

**Location of the Disaster**: Santa Catarina, Pinula, Guatemala

**Type of Disaster**: Landslide

**Beginning date**: Oct 1

**Ending date:** Oct 1

**Time of the disaster:** Thursday night

**Disaster details:**

* + Thursday night part of a hillside collapsed and buried part of the town of Santa Catarina. It destroyed many homes, 59 people are confirmed dead and 600 people are missing with bad prospects of survival. [1]
  + 1800 soldiers, firemen and neighbors are helping with the rescue efforts. [1]
  + Some homes are buried under 50 feet of earth. [1]
  + Local government has responded with shelters and supplies for the survivors.

**Mitigation:**

They could have changed the geometry of the hillside, attempted to reduce water in the hillside, or attempted to increase the shear strength of the unstable mass. [2] I don’t know much about landslides yet, but it seems like drainage might have been the best approach here due to the humid environment

[1] http://www.reuters.com/article/2015/10/03/us-guatemala-mudslide-idUSKCN0RW1Q620151003

[2] https://en.wikipedia.org/wiki/Landslide\_mitigation