

Earthquakes hit Lombok Island, Indonesia

Sentinel-2 MSI acquired on **27 July 2018** at 02:16:01 UTC
Sentinel-2 MSI acquired on **01 August 2018** at 02:16:49 UTC
Sentinel-2 MSI acquired on **06 August 2018** at 02:16:01 UTC
Sentinel-1 CSAR IW acquired on **08 August 2018** at 10:41:18 UTC

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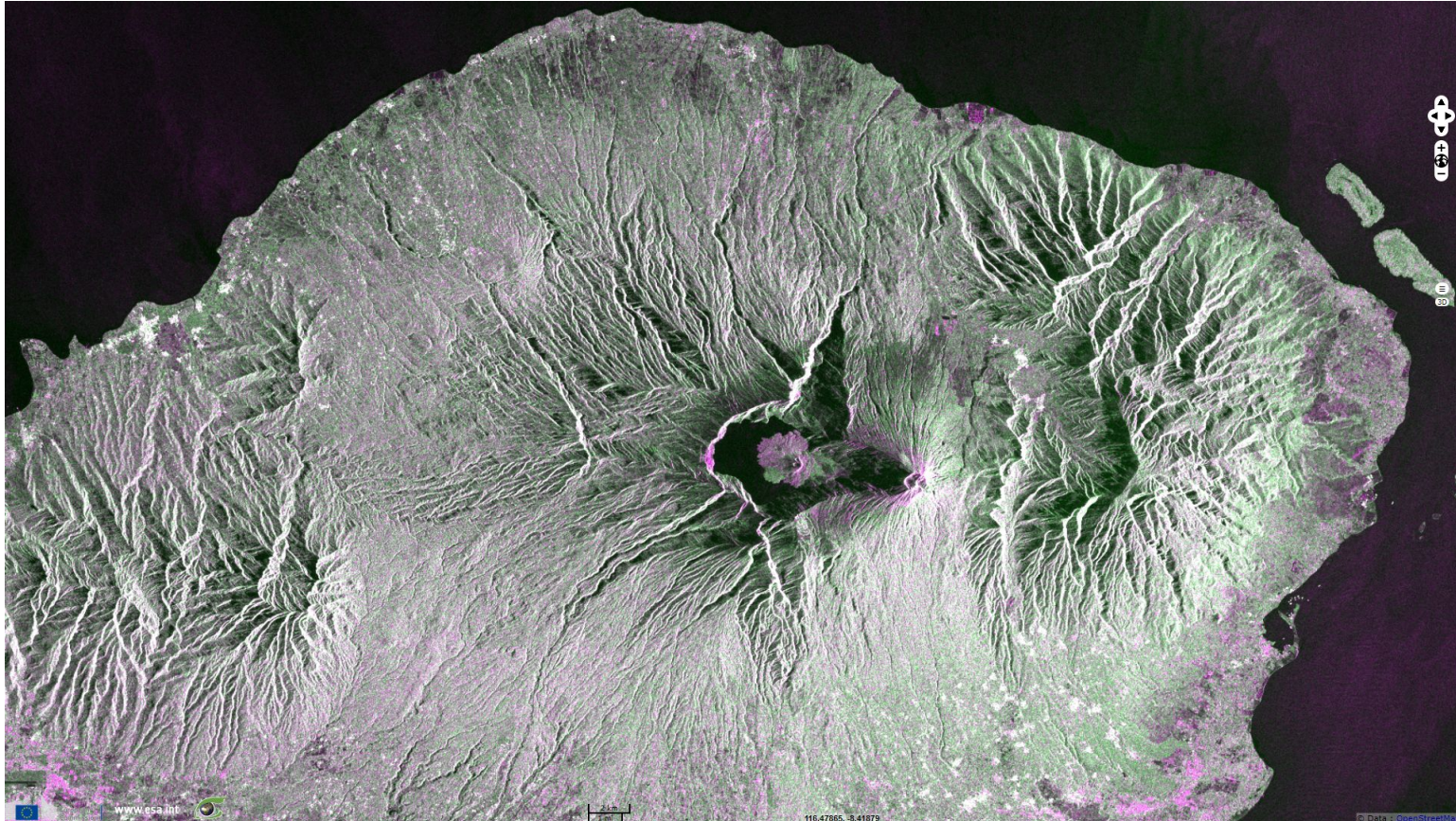
Keyword(s): Emergency, natural disaster, volcano, island, geology, subduction, Pacific ring of fire, Sunda arc, Indonesia



[2D Layerstack](#)

Fig. 1 - S1 (05.08.2018, 21:52) - Hardest hit areas areas north of Lombok Island, 10 hours after it was struck by the M6.9 earthquake.

[2D view](#)



Earthquakes shook Lombok Island, the 29.07.2018, 05.08.2018 & 09.08.2018, respectively of magnitude 6.4, 6.9 & 6.2, killing 319 as of 9 August.

Fig. 2 - S2 (06.07.2018) - 4,3,2 natural colour - Landslides on Rinjani caldera slopes & dust 15h after the 2nd quake. [3D animation](#) [3D view](#) [3D view](#)

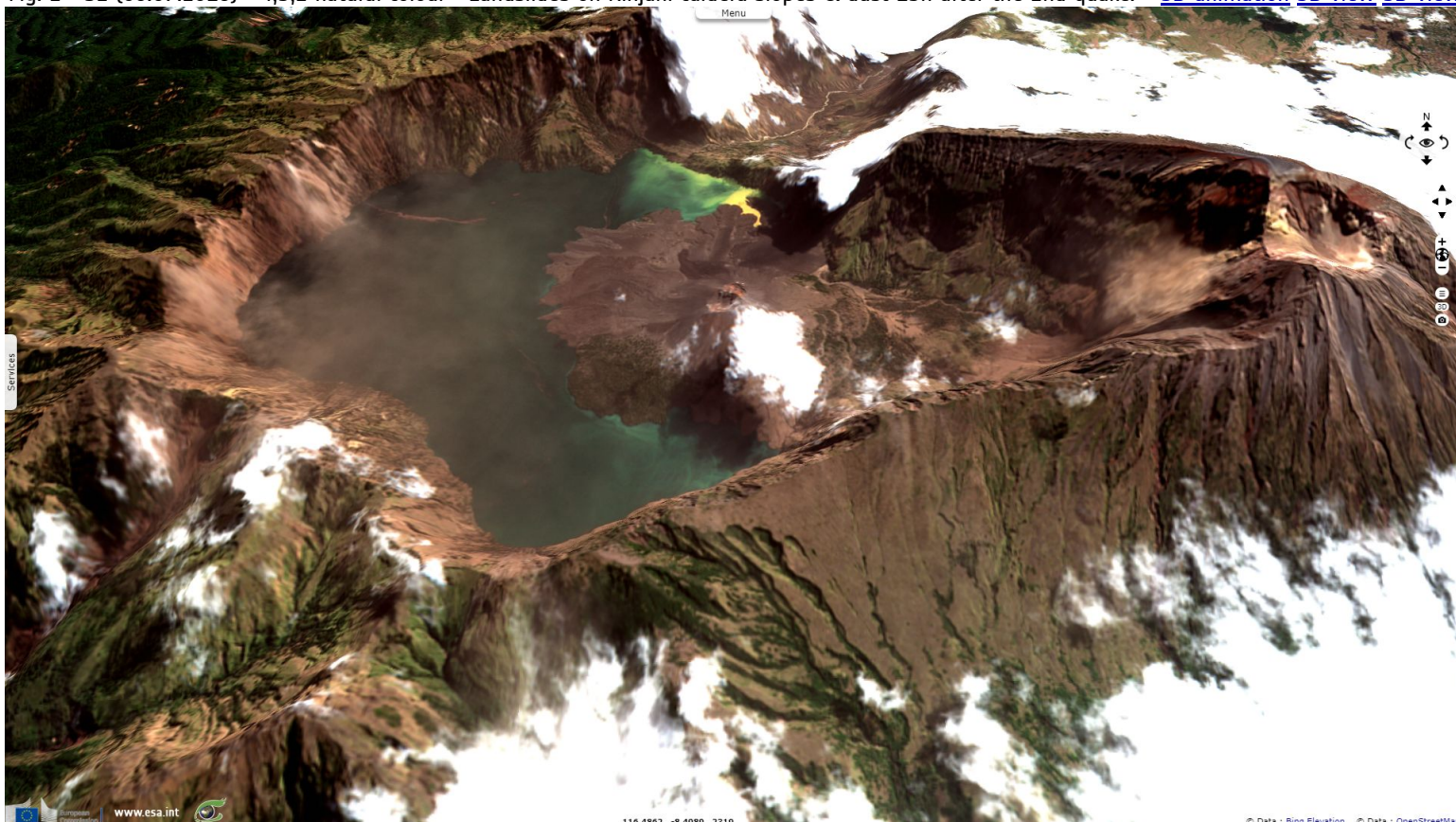


Fig. 3 - Landslides on Rinjani's NW flank. The 5 August quake was the largest & strongest quake to ever hit Lombok. [3D animation](#) [3D view](#) [3D view](#)

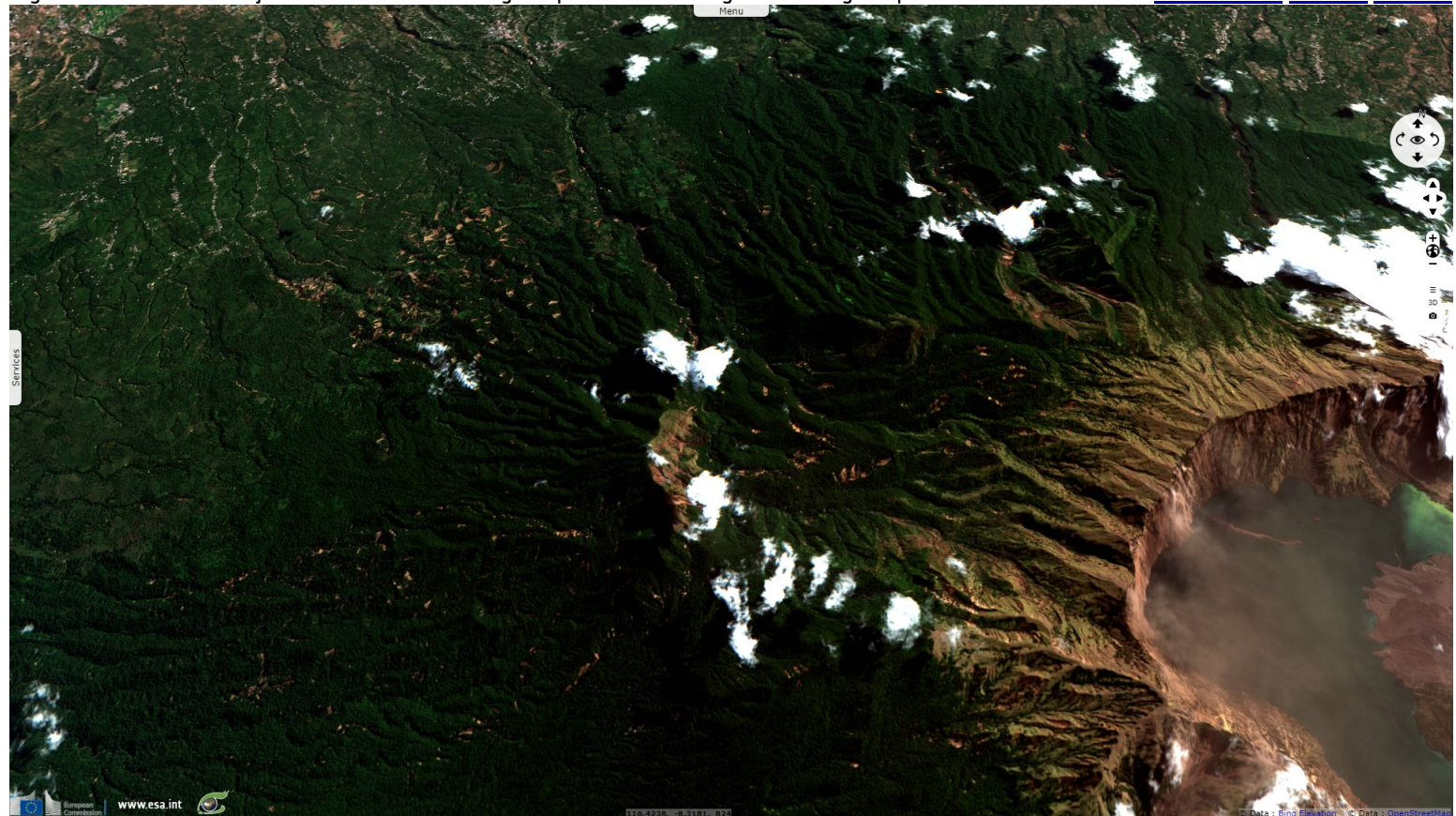


Fig. 4 - NW of Rinjani, muddy deposits around river beds & sediments colouring the Java Sea. [2D animation](#) [2D view](#) [2D view](#)



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