

Kelud volcano on Java Island

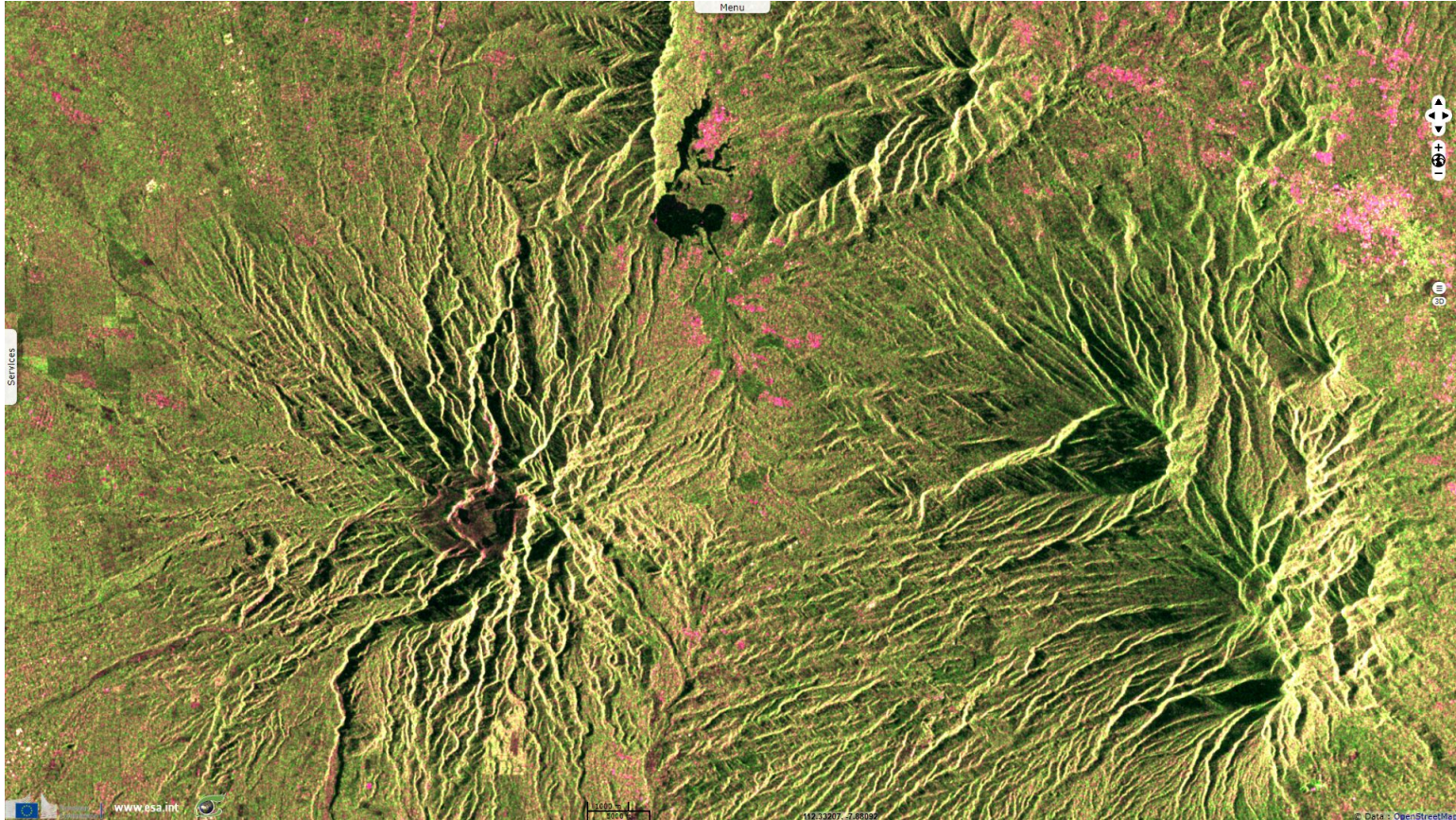
Sentinel-2 MSI acquired on **29 April 2018** at 02:35:49 UTC
Sentinel-1 CSAR IW acquired on **02 May 2018** at 10:57:50 UTC
Sentinel-1 CSAR IW acquired on **05 May 2018** at 22:09:14 UTC

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[3D Layerstack](#)

Fig. 1 - S1 (05.05.2018) - vv,vh,vv colour composite - Smaller than its close neighbours, Kelud is yet considered more dangerous [2D view](#) [3D view](#)



In 2007, an explosion created a lava dome at its top. The 2014 eruption destroyed it and allowed the formation of a caldera lake.

Fig. 2 - S2 (29.04.2018) - 12,11,2 colour composite, relief x1.5 - Kelud is very active, it last erupted in February 2014. [3D view](#) [2D view](#)

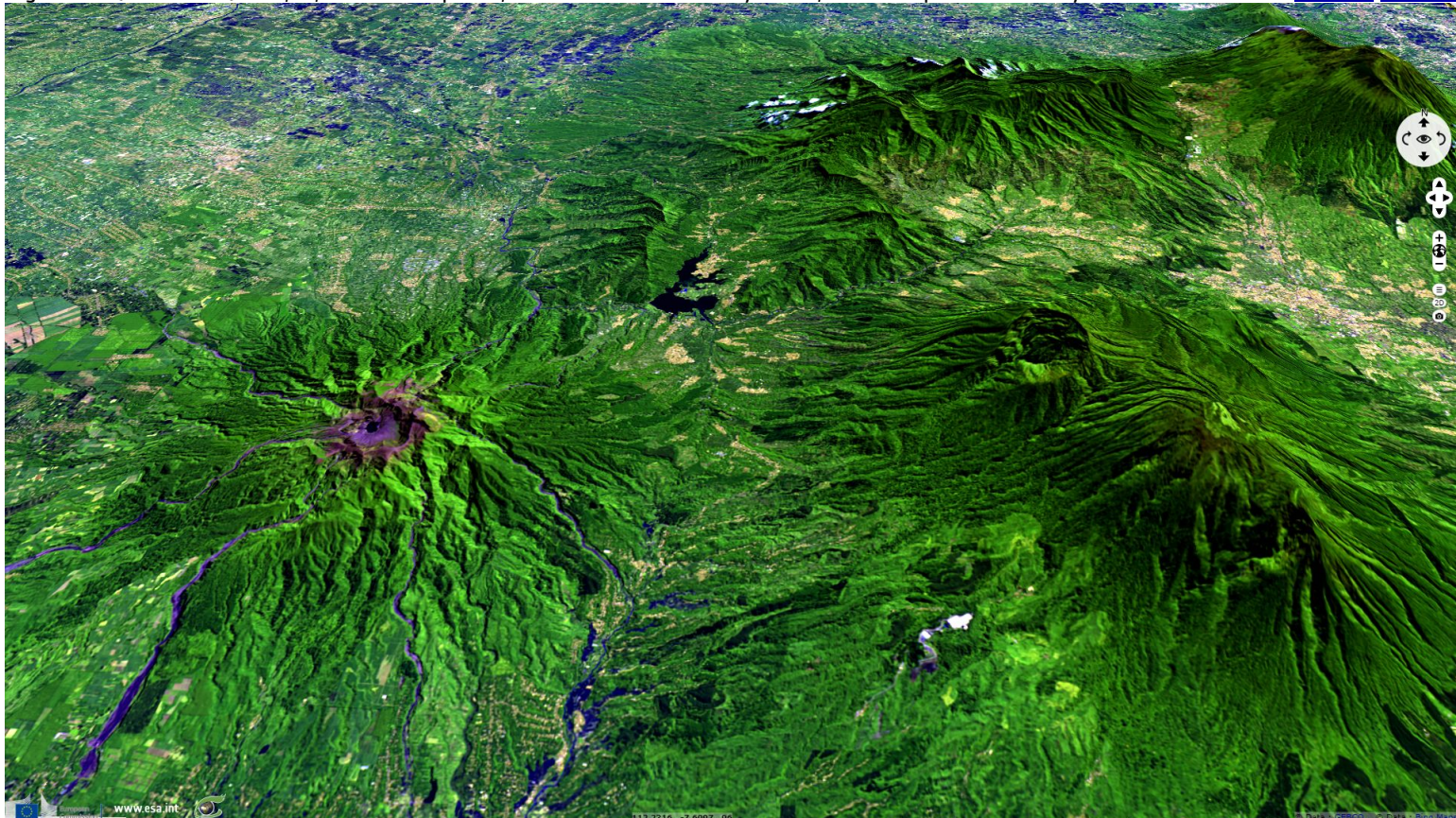


Fig. 3 - S2 (29.04.2018) - 4,3,2 natural colour, relief x1.5 - Kelud is prone to causing pyroclastic flows.

[3D view](#) [2D view](#)

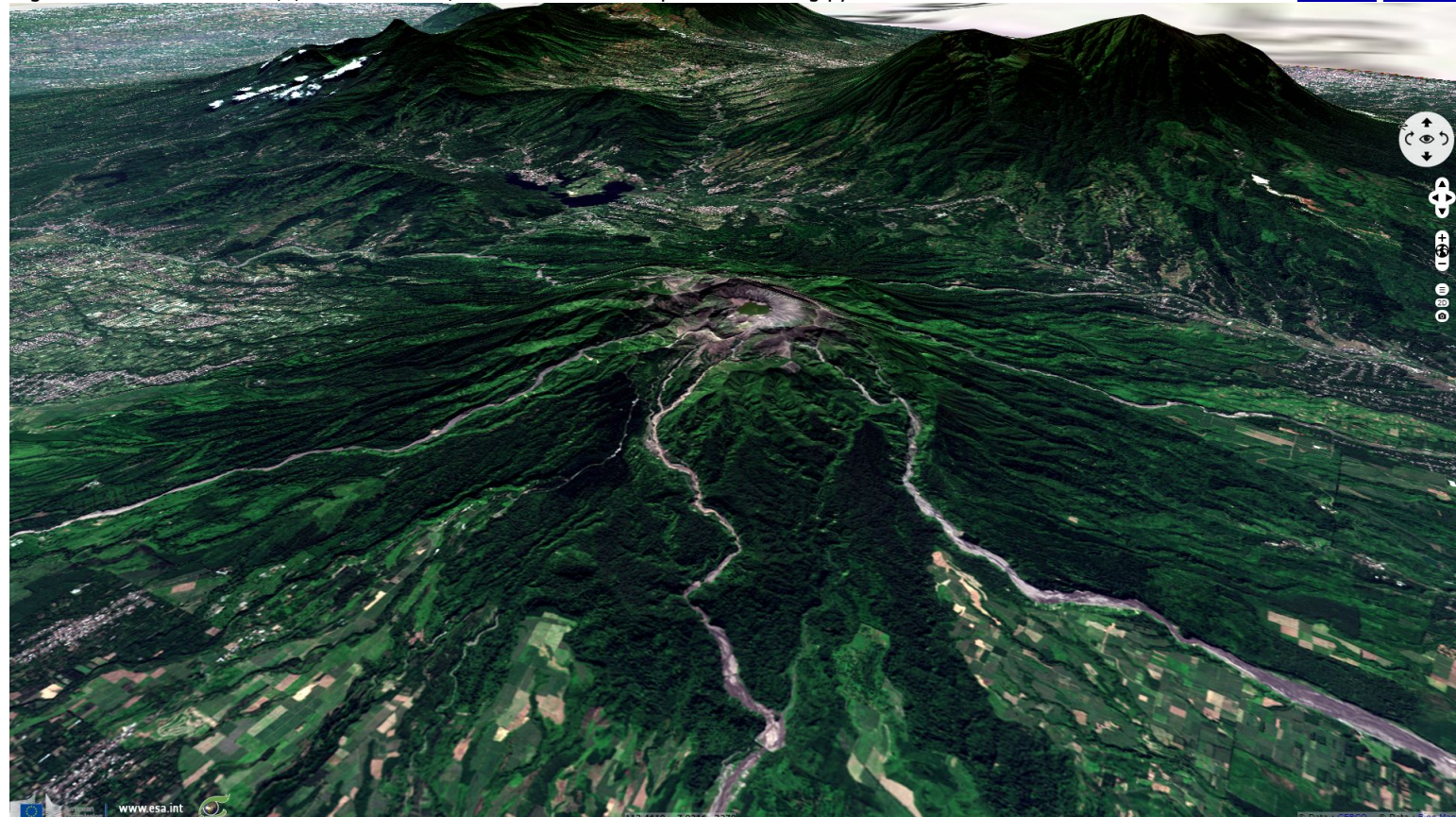


Fig. 4 - S1 (02.05.2018) - vv,vh,vv colour composite - Its deep caldera lake is also responsible for massive lahars.

[2D view](#)



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