

# Deadly eruption of volcano Fuego, Guatemala

Sentinel-2 MSI acquired on **11 March 2018** at 16:20:41 UTC  
Sentinel-1 CSAR IW acquired on **25 May 2018** at 11:53:32 UTC  
Sentinel-2 MSI acquired on **04 June 2018** at 16:18:59 UTC  
Sentinel-1 CSAR IW acquired on **06 June 2018** at 11:53:33 UTC

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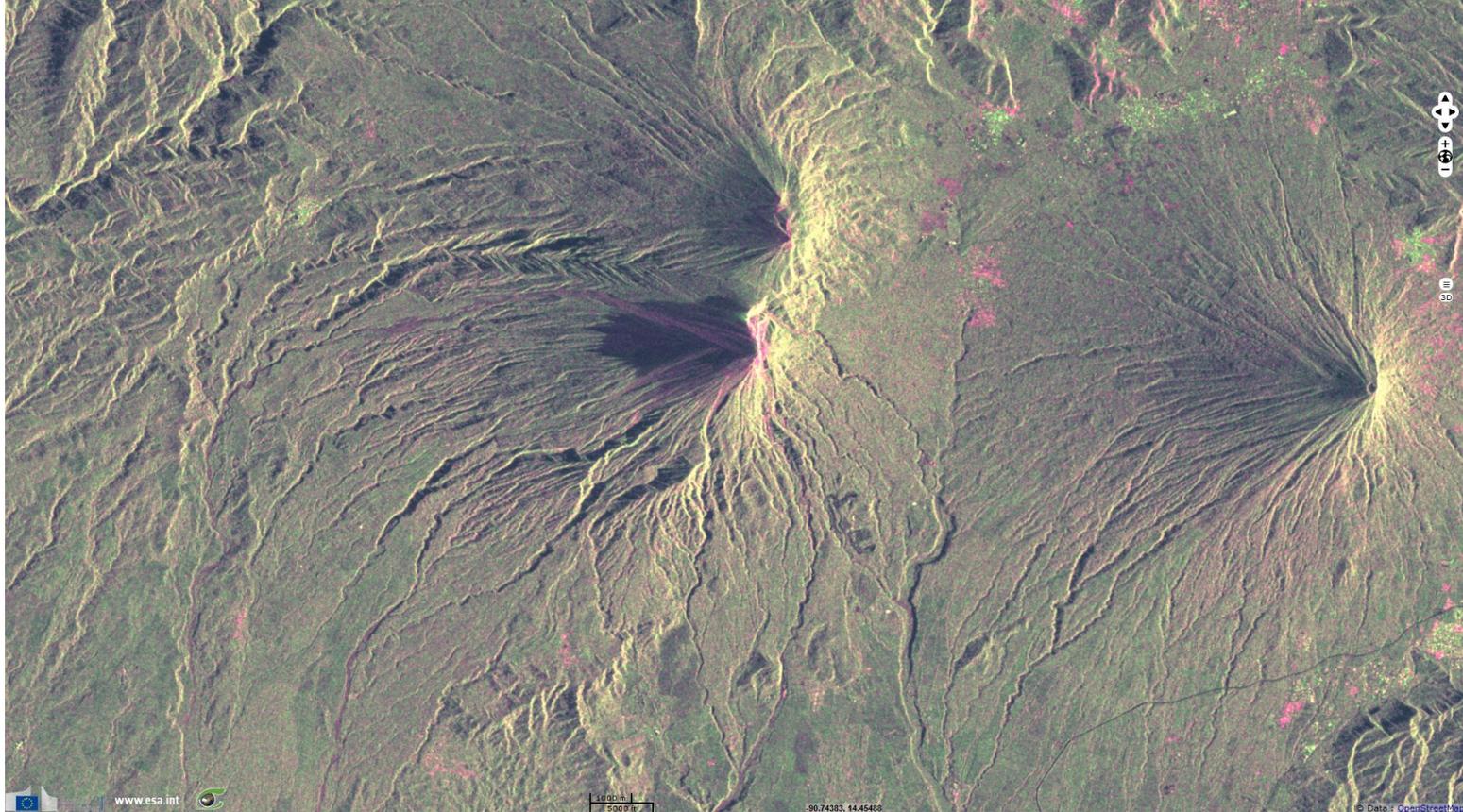
Keyword(s): Geohazard, natural disaster, emergency, volcano eruption, lahar, lava flow, Guatemala, Pacific Ring of Fire



[2D Layerstack](#)

Fig. 1 - S1 (2018.05.25) - vv,vh,vv colour composite - Fuego and neighbouring volcanoes days before the eruption.

[2D view](#)



Fuego is one of the most active volcanoes on Earth, this eruption possibly killed hundreds before evacuations orders were even issued.

Fig. 2 - 2018.06.06 - The caldera has enlarged. Increased vv backscattering shows W & SE oriented pyroclastic flows & lahars. [2D animation](#) [2D view](#)

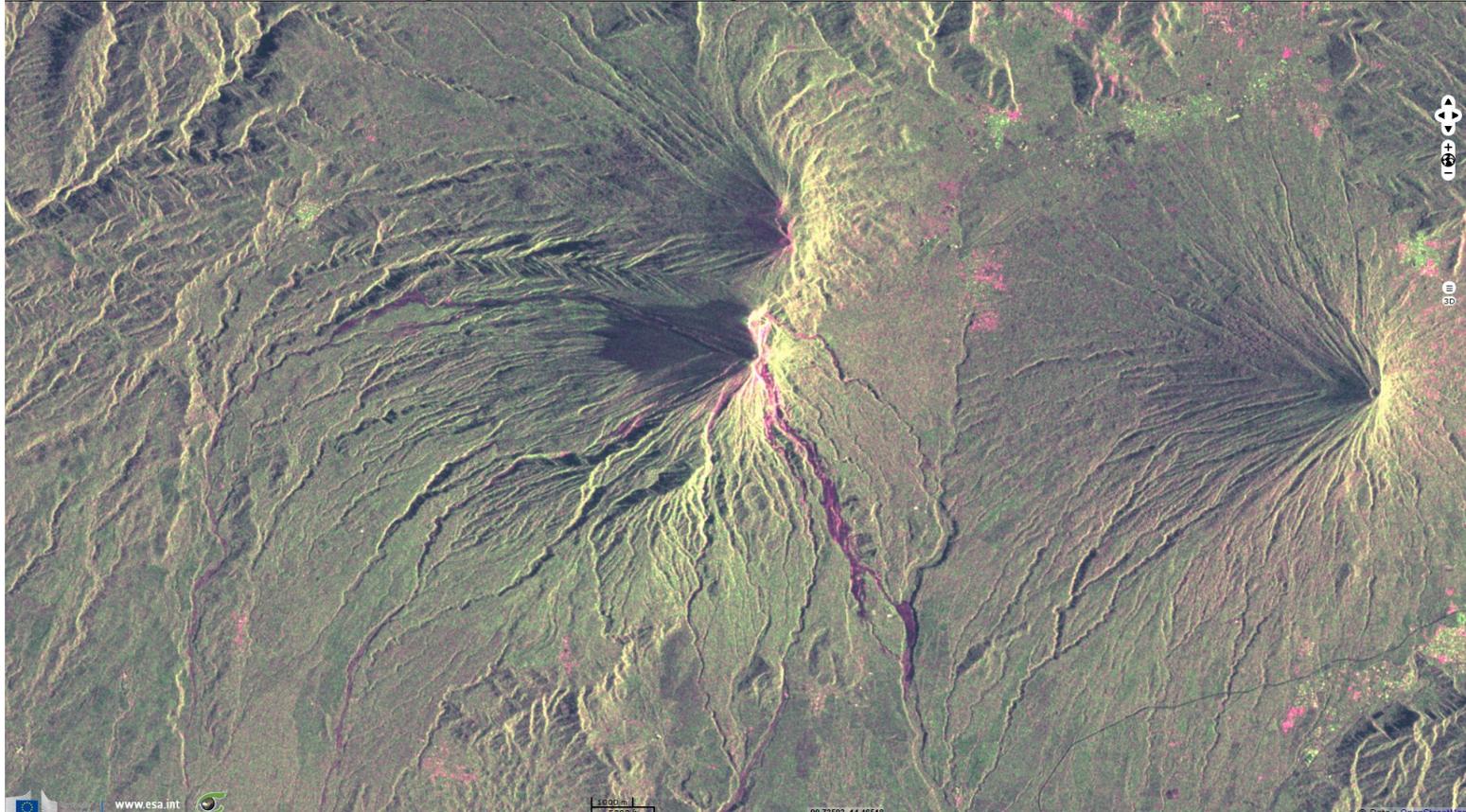


Fig. 3 - S2 (2018.03.11) - 12,11,2 colour composite - Months before, intense heat was already visible.

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

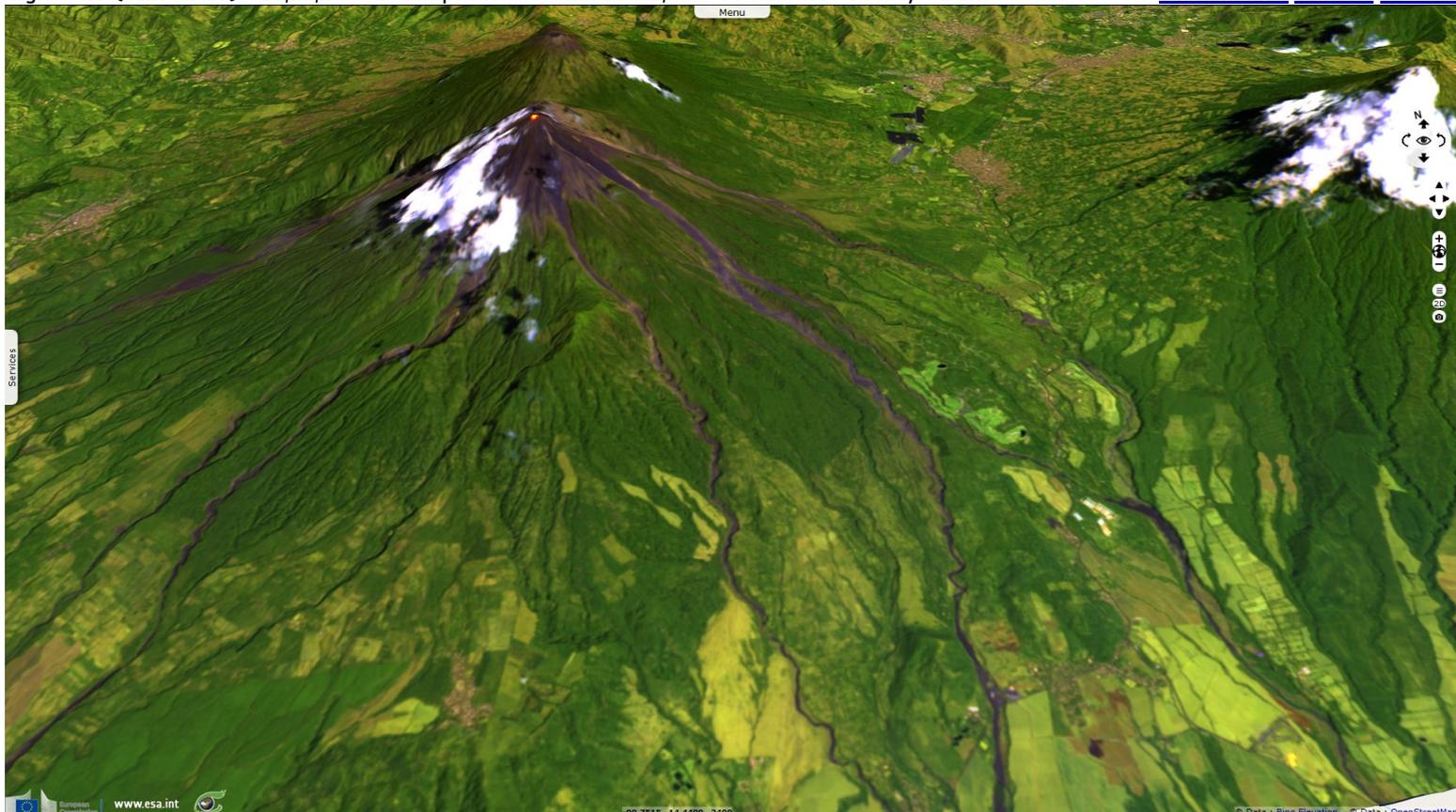
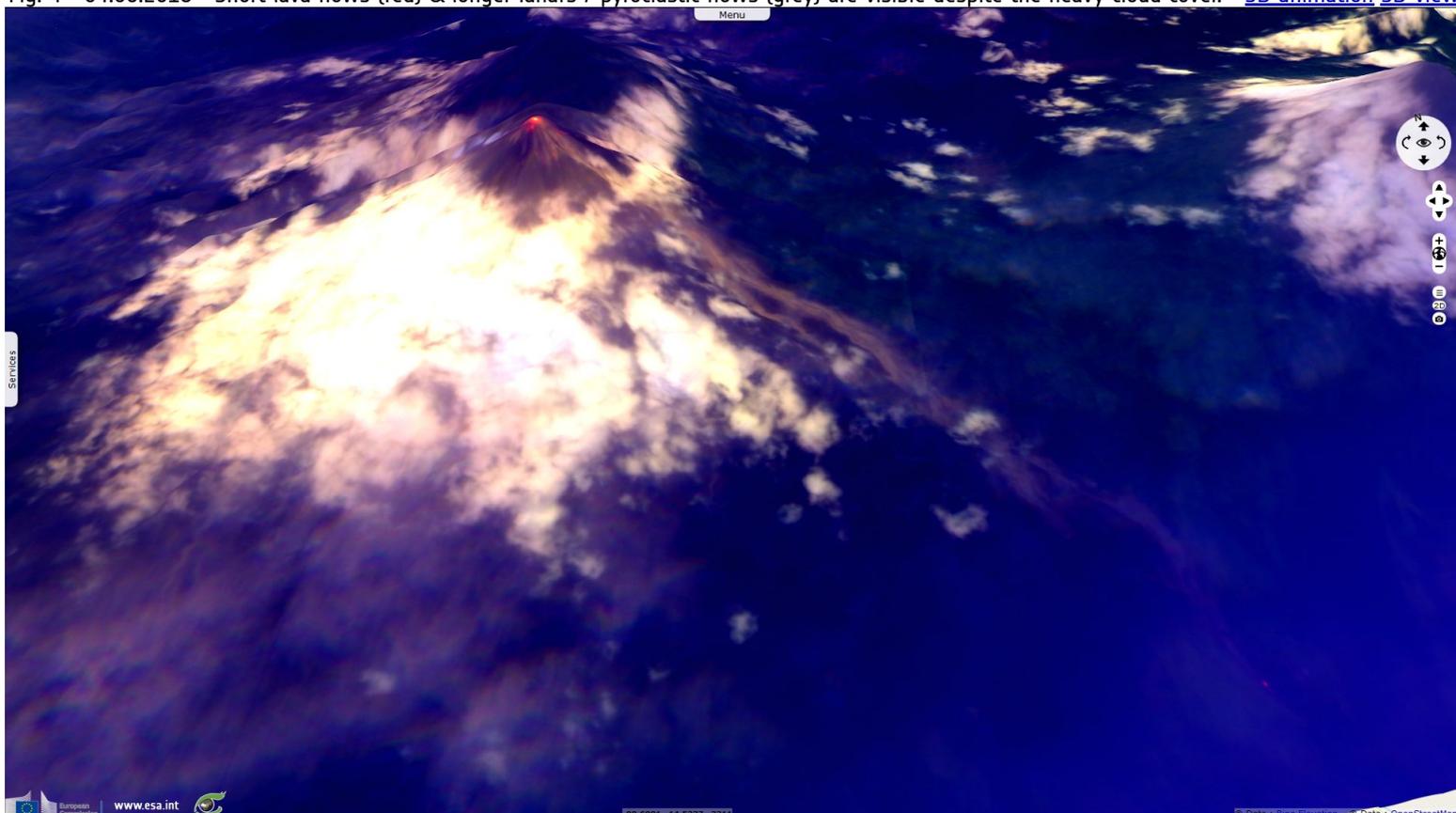


Fig. 4 - 04.06.2018 - Short lava flows (red) & longer lahars / pyroclastic flows (grey) are visible despite the heavy cloud cover.

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



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.*

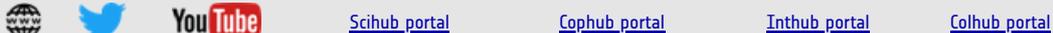
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