

# Pacaya's lava flow threatens El Patrocinio, Guatemala

Sentinel-2 MSI acquired on 11 October 2020  
Sentinel-2 MSI acquired on 08 February 2021  
Sentinel-2 MSI acquired on 20 March 2021  
Sentinel-2 MSI acquired on 04 April 2021

Author(s): Sentinel Vision team, VisioTerra, France - [svp@visioterra.fr](mailto:svp@visioterra.fr)

Keyword(s): Geohazard, emergency, natural disaster, volcano, lava flow, urban planning, Guatemala.

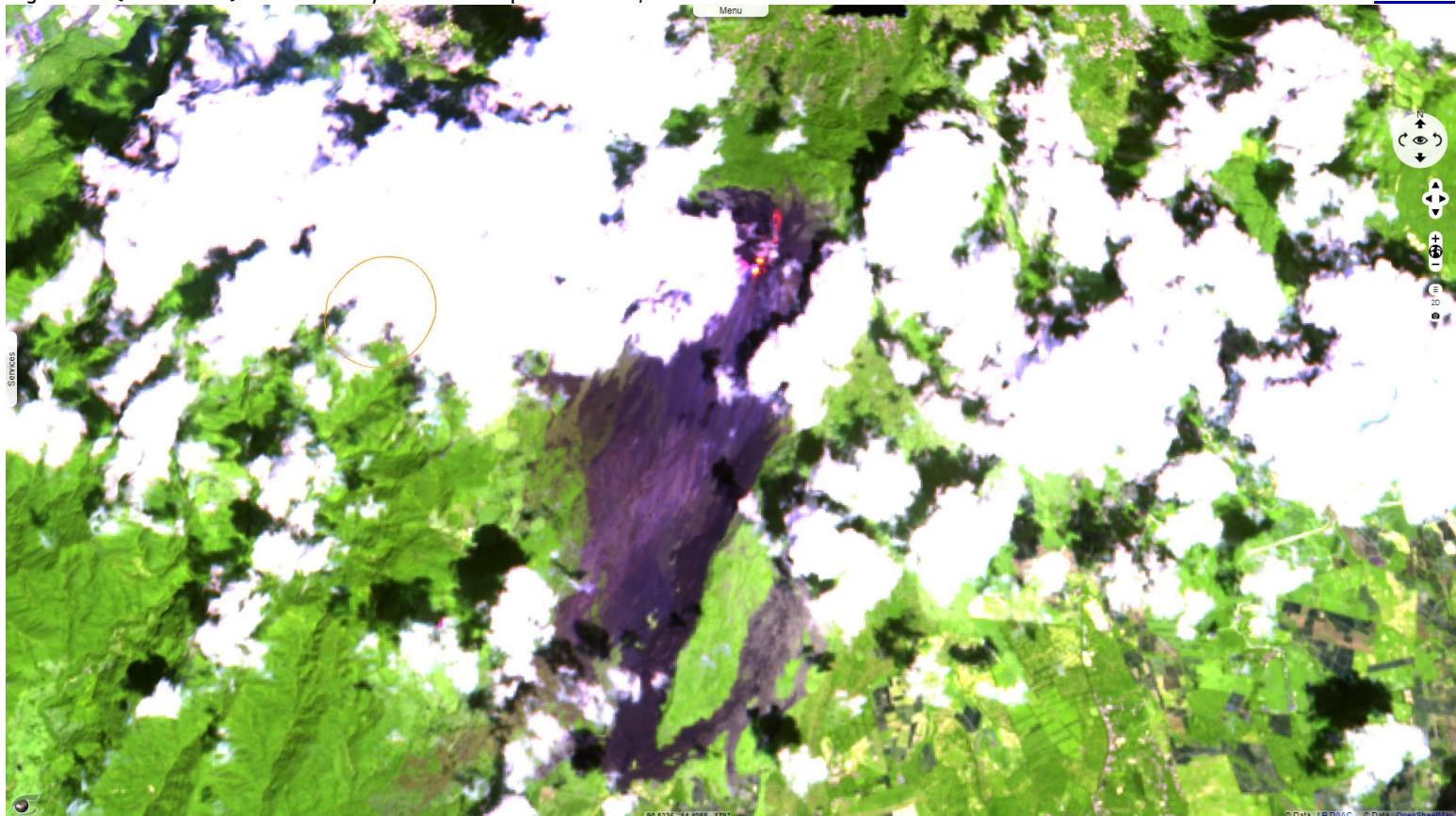
Fig. 1 - S2 (08.02.2021) - Lying south of Guatemala, the 2569 m high Pacaya, is one of its most active volcanoes.

[3D View](#)



Fig. 2 - S2 (11.10.2020) - Its lava may flow in multiple directions, here at north.

[3D View](#)

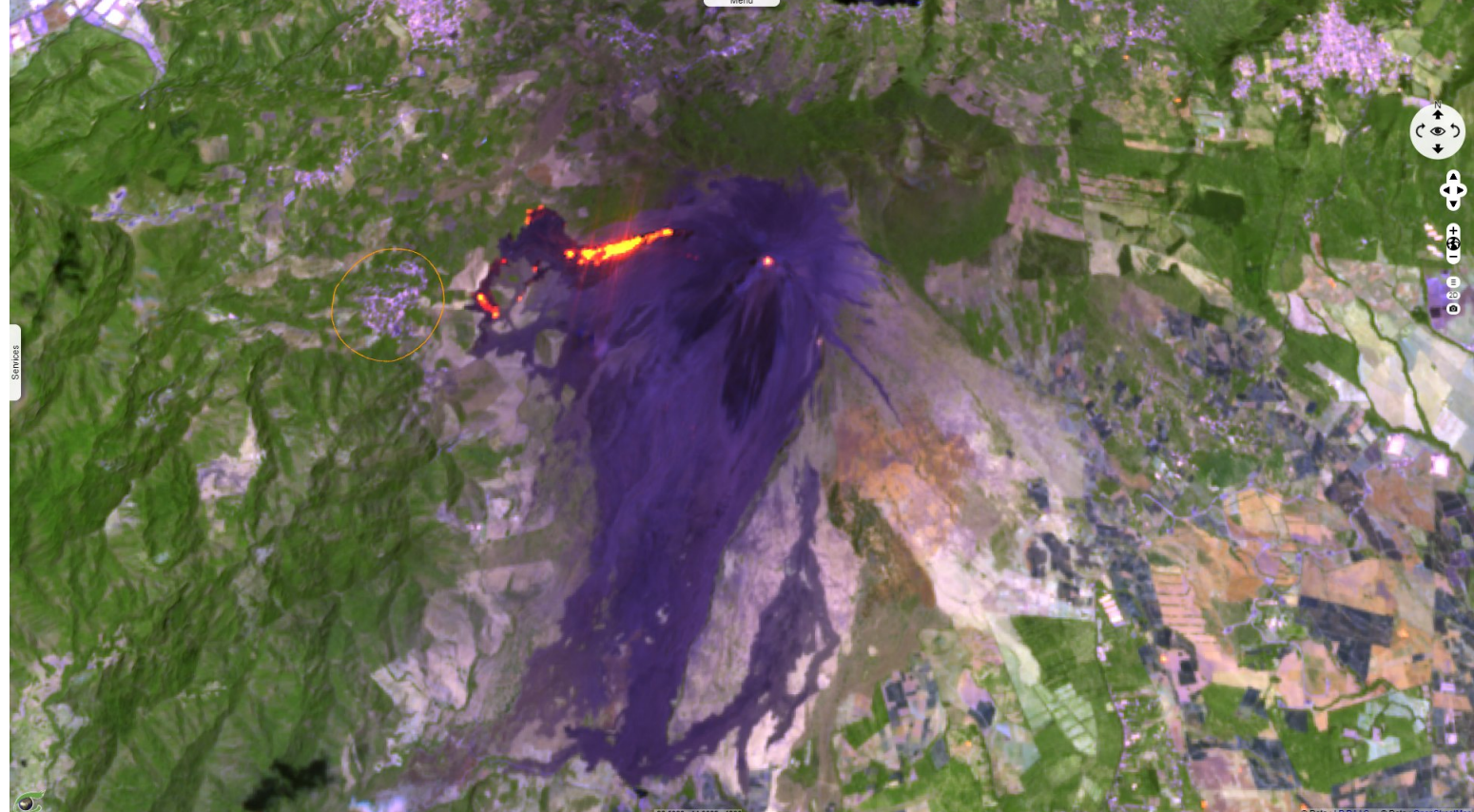


Over 21 hamlets have been asked to evacuate. Most relied instead on folk traditions & their own knowledge of Pacaya to judge when to go.













Fig. 3 - S2 (20.03.2021) - In 2018, neighbouring Volcán de Fuego emitted an avalanche of super-heated muck that killed at least 300 people. [3D View](#)



Fig. 4 - S2 (04.04.2021) - The volcano is located above the village of El Patrocínio. A lava flow arrived within 500 m of the village. [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.  
Contains modified Copernicus Sentinel data 2021, processed by VisioTerra.*

More on European Commission space:						
More on ESA:				<a href="#">S-1 website</a>	<a href="#">S-2 website</a>	<a href="#">S-3 website</a>
More on Copernicus program:				<a href="#">SciHub portal</a>	<a href="#">Cophub portal</a>	<a href="#">Inthub portal</a>
More on VisioTerra:				<a href="#">Sentinel Vision Portal</a>	<a href="#">Envisat+ERS portal</a>	<a href="#">Swarm+GOCE portal</a>
				<a href="#">CryoSat portal</a>		