

Volcanic chain of the Cameroon line

Sentinel-3 SLSTR RBT acquired on 12 December 2016 at 08:47:35 UTC

Sentinel-3 SLSTR RBT acquired on 31 January 2018 at 09:28:46 UTC

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Sentinel-1 CSAR IW acquired on 20 April 2018 from 05:13:59 to 05:15:14 & from 17:36:06 to 17:36:56 UTC

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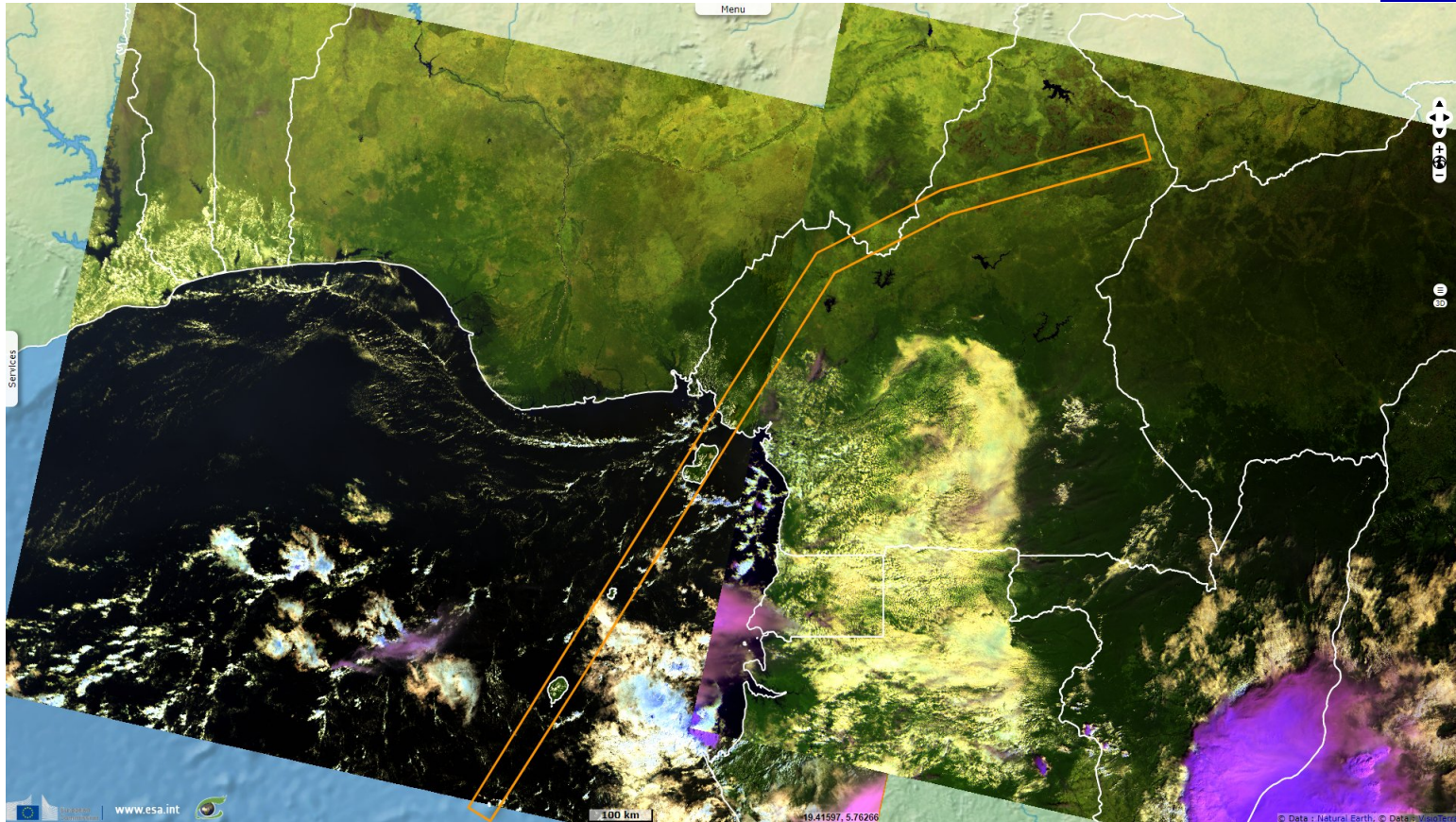
Keyword(s): Volcanoes, islands, land, geology, caldera lake, rift, Sao Tome and Principe, Equatorial Guinea, Cameroon



[2D Layerstack](#)

Fig. 1 - S3 SLSTR - The Cameroon line is an alignment of volcanic features east of Benue Trough that crosses north Cameroon, São Tomé and Príncipe & Equatorial Guinea islands.

[2D view](#)



Inland, it goes from the Cameroon Ngaoundere Plateau at N-E, Oku Volcanic Field (sadly reknown for the dangerous CO₂-filled lakes Nyos & Monoun), Western High Plateau & the 4040 m high Mount Cameroon. All are still volcanically active.

Fig. 2 - S1 (13-22.04.2018) - These are remnants of a failed rift arm when South America parted away from Western and Southern Africa. [3D view](#)

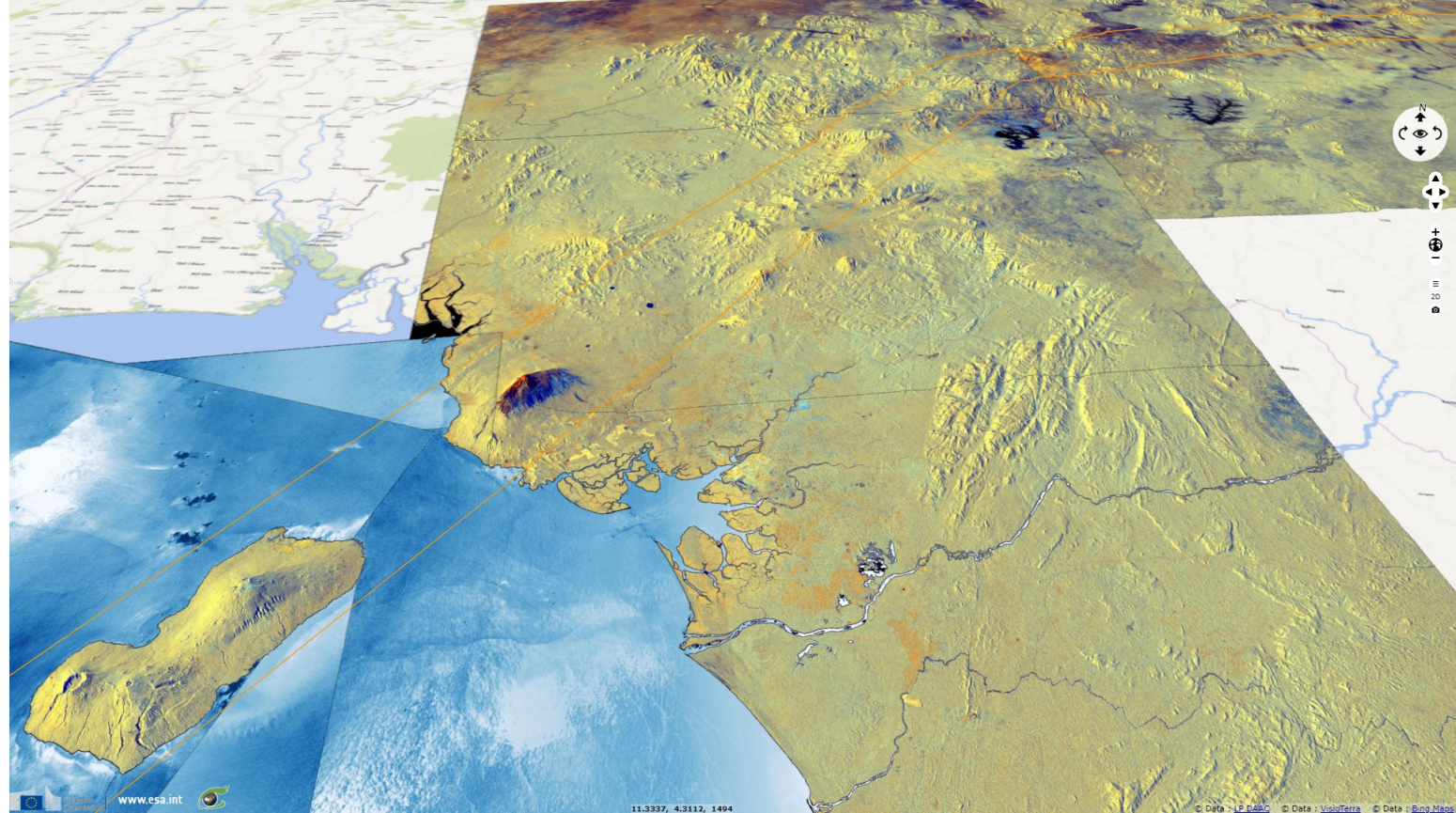
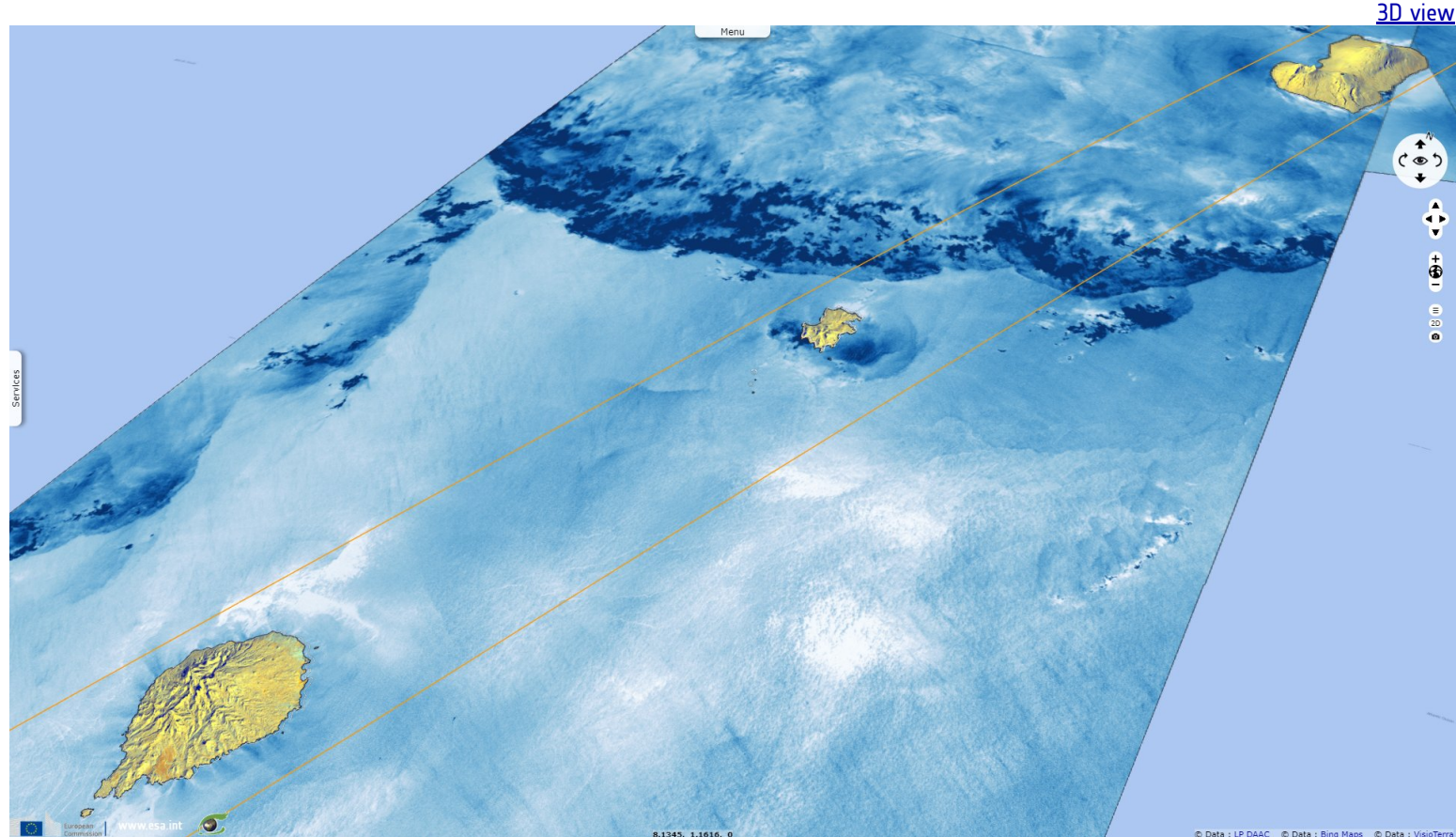


Fig. 3 - It includes the islands of Bioko (32 km away from mainland, topped by a 3012 m active volcano) and Príncipe (330 km SW of Mt Cameroon, 947 m high extinct volcano over a 3000 m deep seafloor).



3D view



CryoSat portal

