

Aorounga crater, Chad

Sentinel-2 MSI acquired on 27 December 2017 at 09:13:59 UTC
Sentinel-1 CSAR IW acquired on 29 June 2018 at 04:36:01 UTC

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[3D Layerstack](#)

Fig. 1 - S1 (29.06.2018) - vv,vh,ndi(vv,vh) colour composite - Aorounga crater is at most 345 million years old, its outer ring is 12.6 km wide.. [3D view](#)

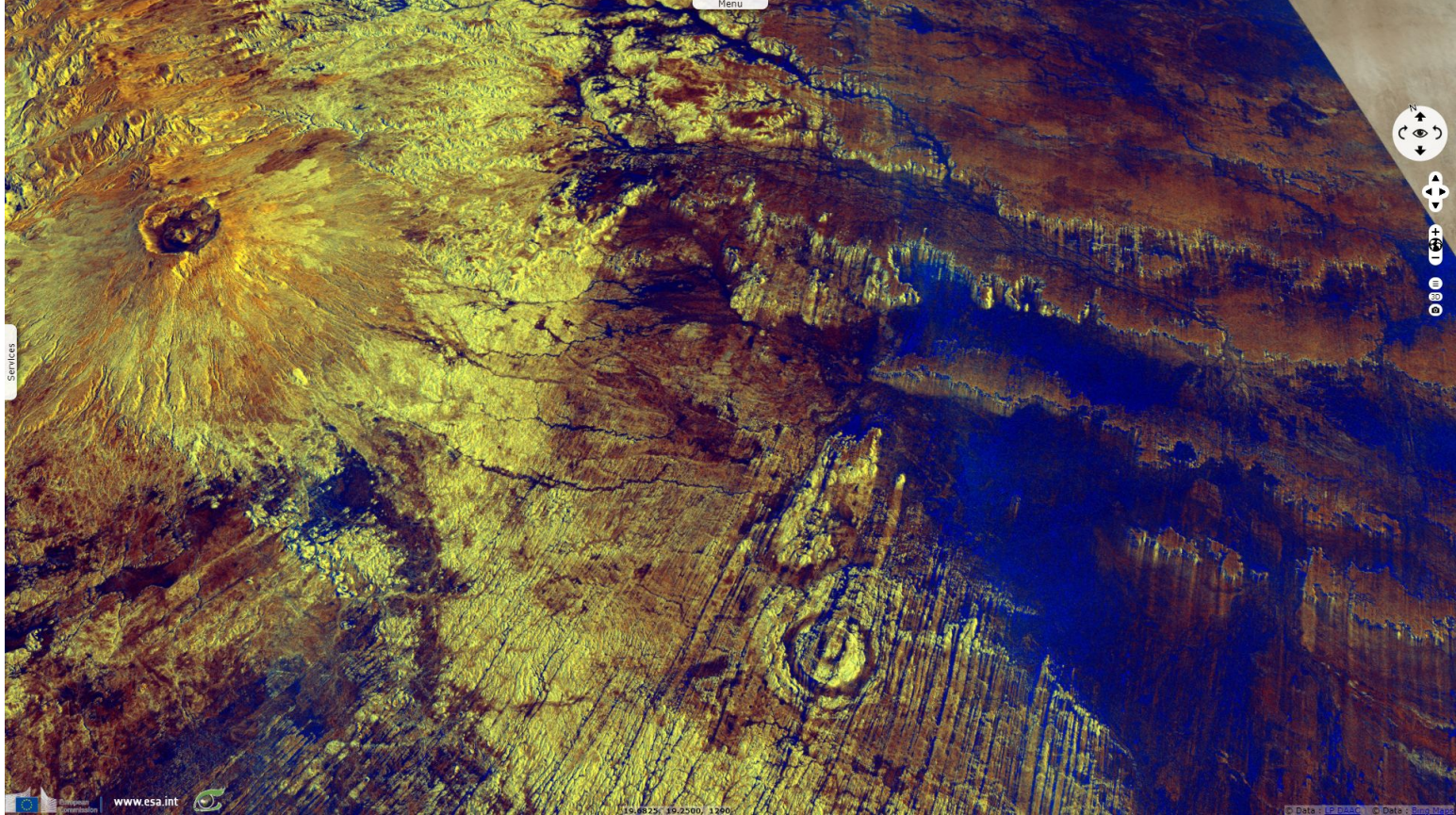
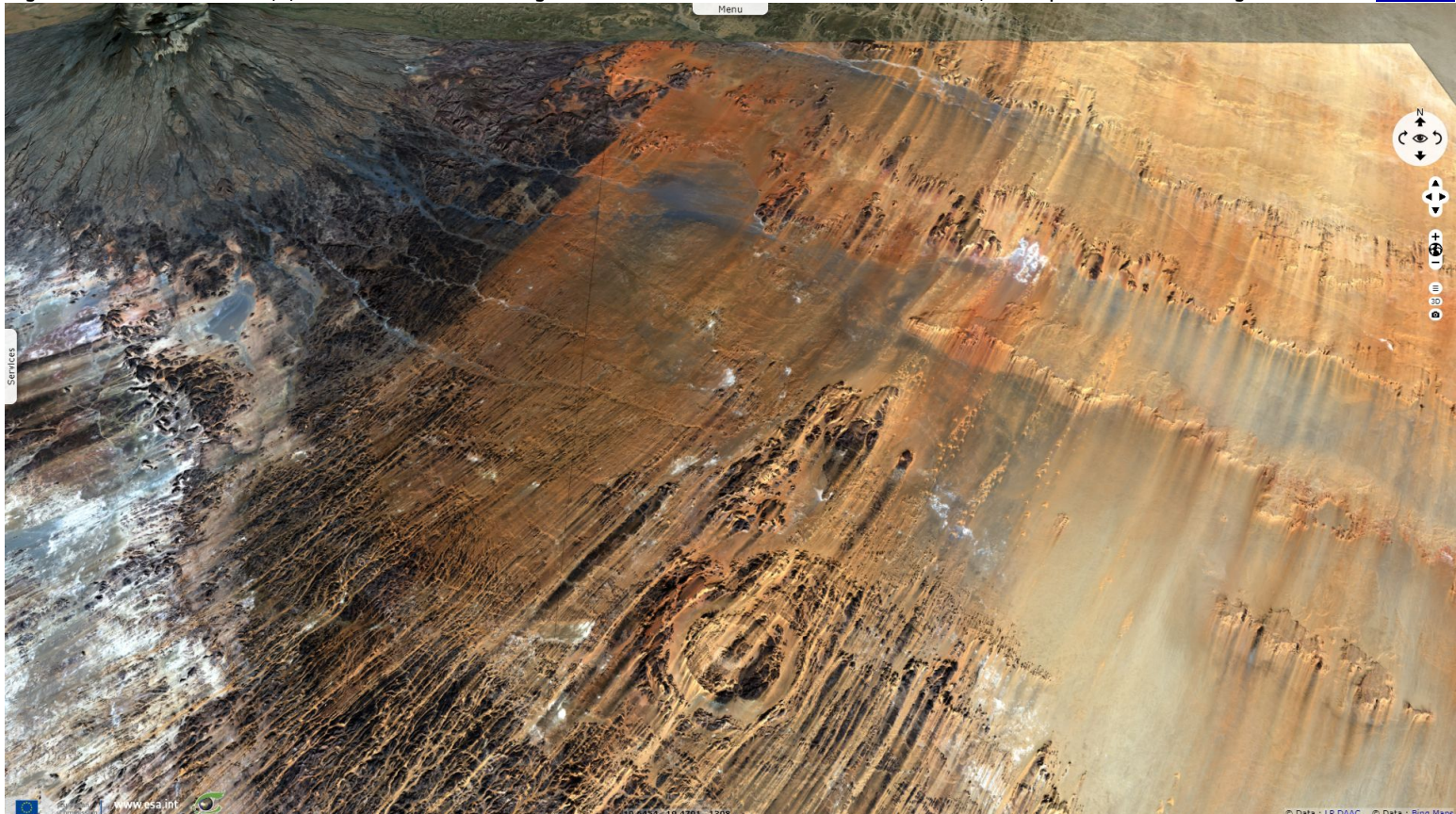


Fig. 2 - S2 (27.12.2017) - 4,3,2 natural colour - Aorounga crater lies 100 km SE of Emi Koussi volcano, the top of the Tibesti range & Sahara. [3D view](#)



Erosion of exposed rock layers by a unidirectional wind formed these linear rock ridges alternating with light orange sand deposits called yardangs.

Fig. 3 - vv,vh,vv colour composite - Its central highland is surrounded by a small sand-filled trough surrounded by a larger circular trough. [3D view](#)

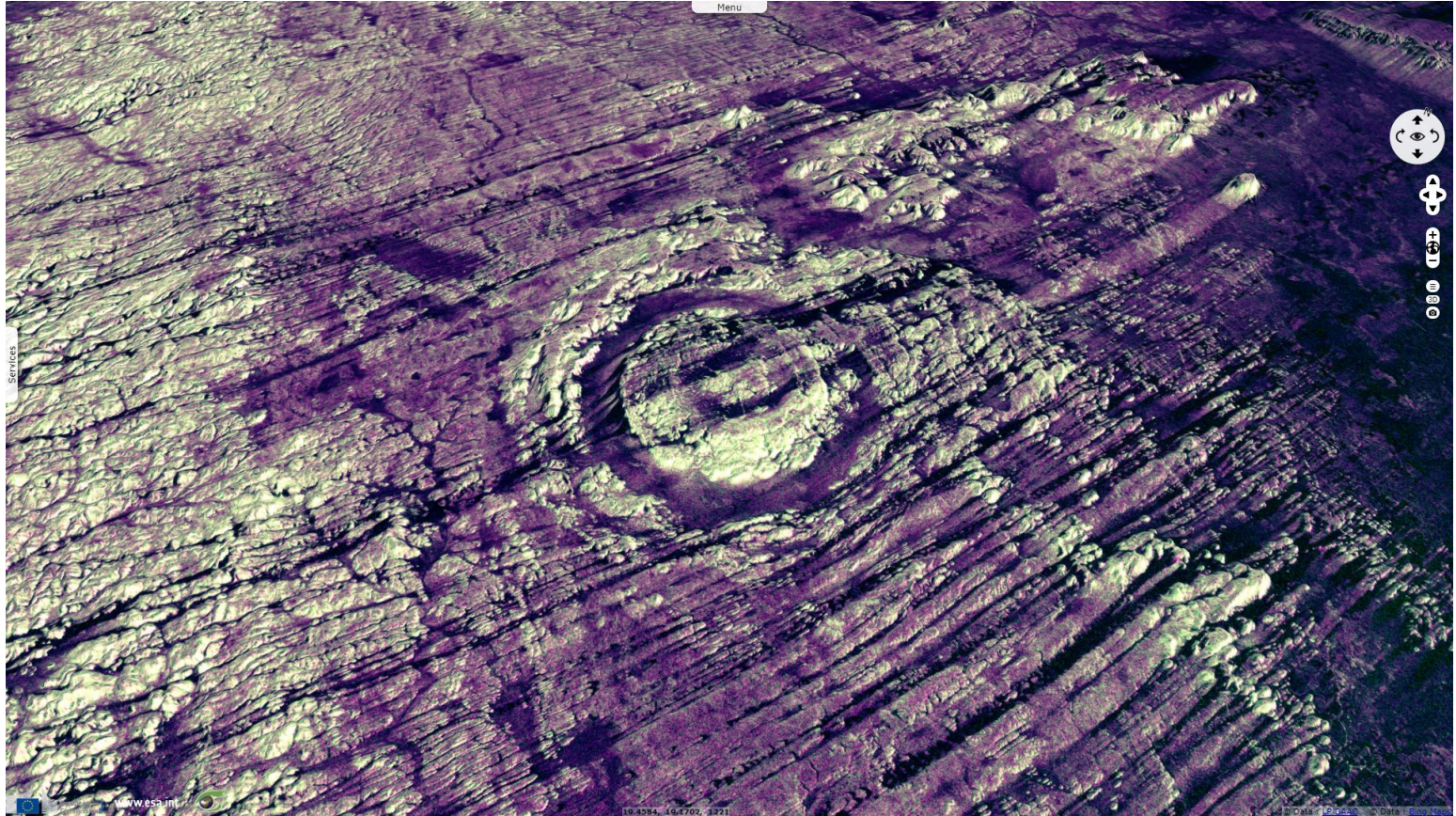
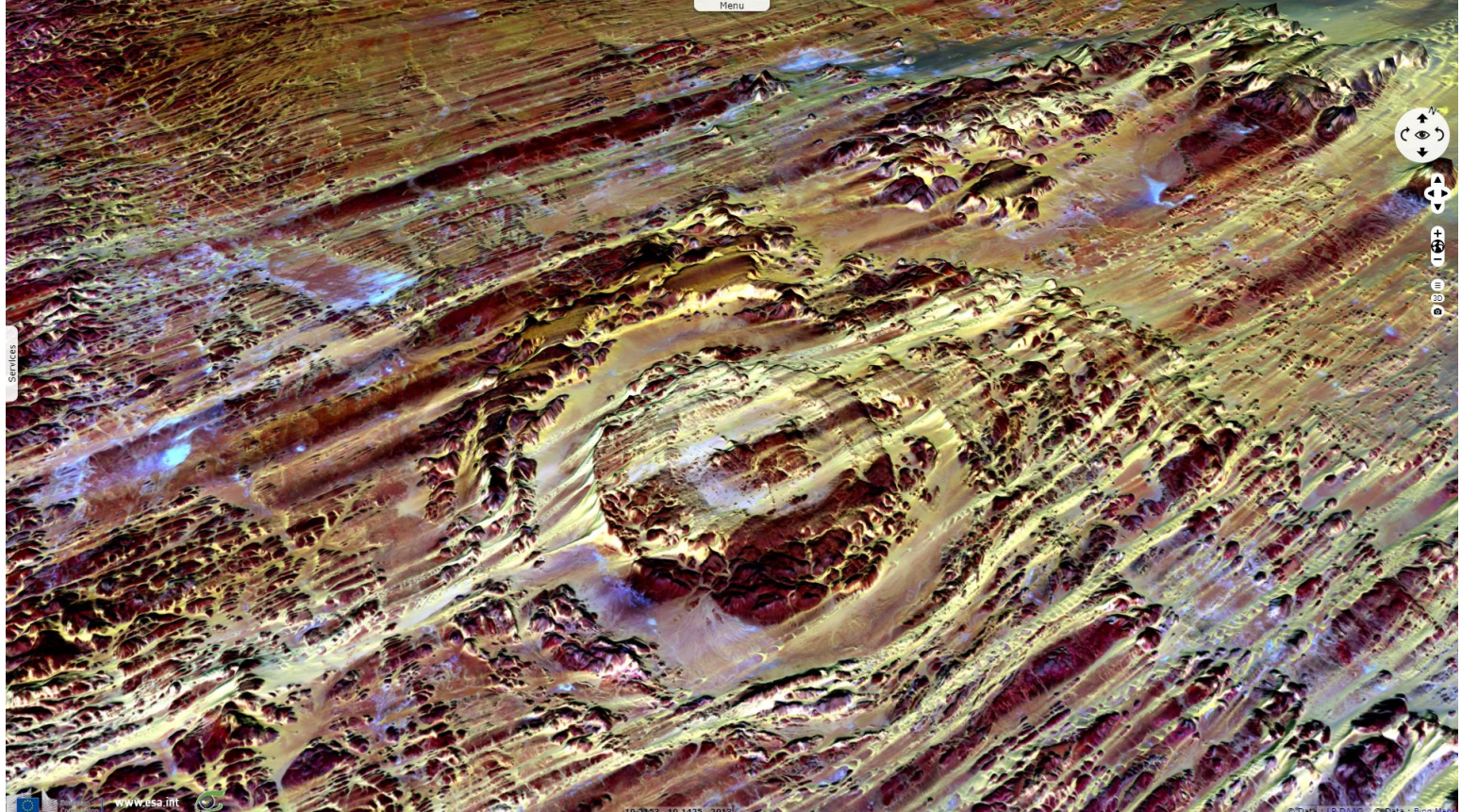


Fig. 4 - 11,8,2 colour composite - The north-east wind causes sand dunes formed between the yardangs to migrate to the south-west. [3D view](#)



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