

Okjökull, first Icelandic glacier lost to climate change

Sentinel-1 CSAR IW acquired on 07 July 2015 at 07:57:52 UTC
Sentinel-2 MSI acquired on 27 September 2016 at 13:02:52 UTC
Sentinel-2 MSI acquired on 30 May 2019 at 13:03:09 UTC
Sentinel-1 CSAR IW acquired on 10 July 2019 at 07:58:14 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (27.09.2016) - 11,8,4 colour composite - The large Ok shield volcano lies west of Langjökull & NW of Thorisjökull volcano. [2D view](#) [3D view](#)

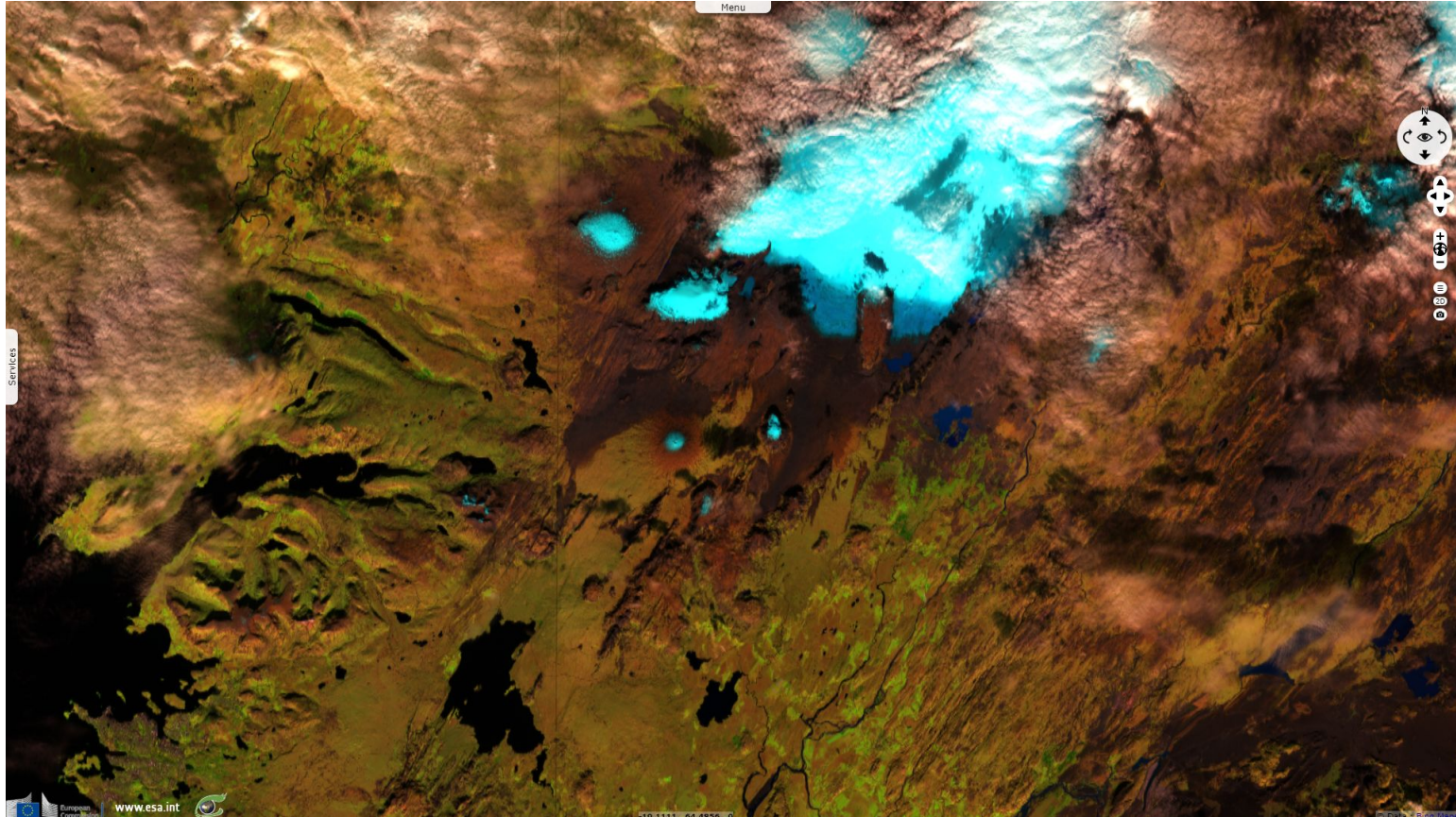
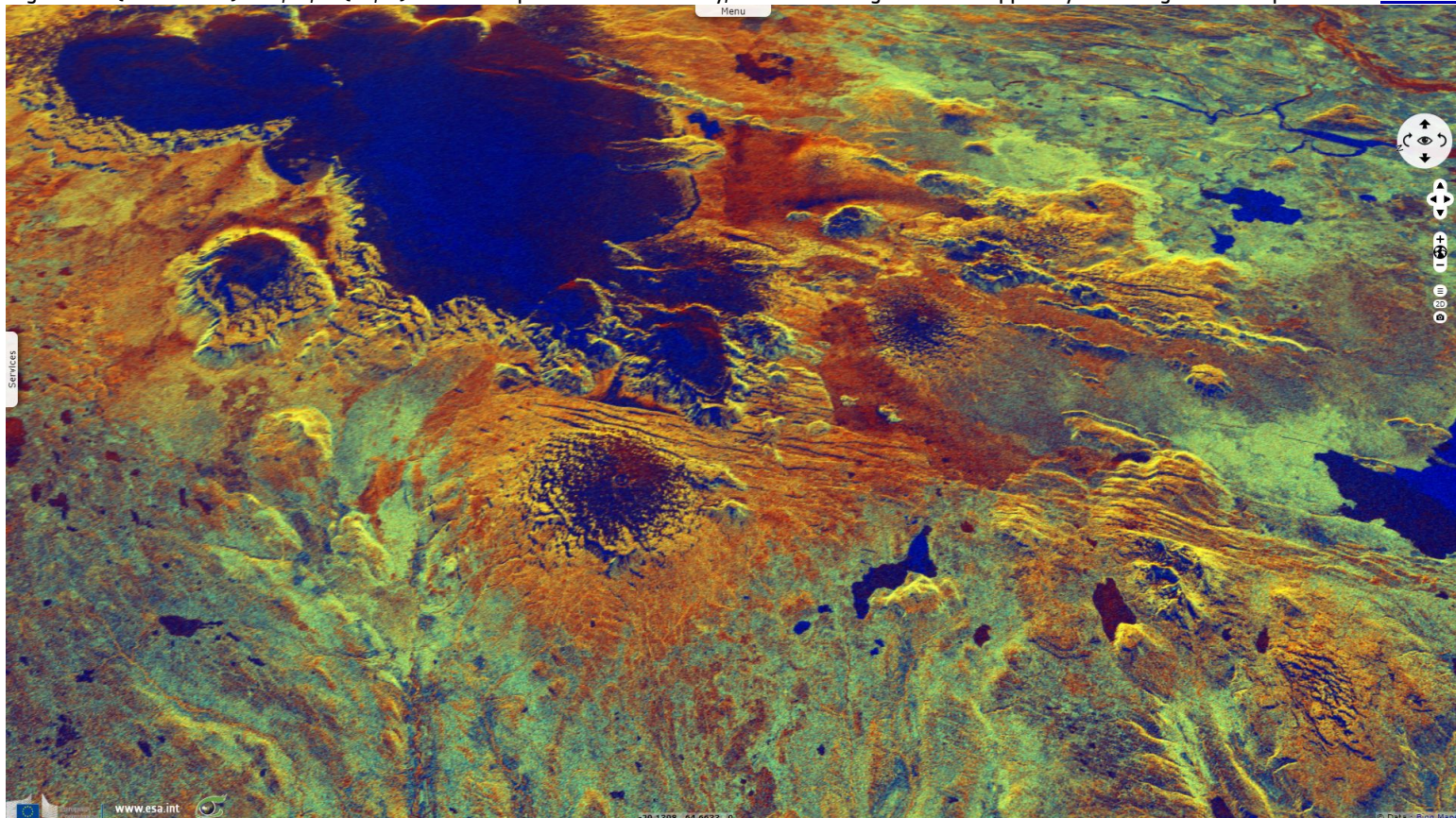


Fig. 2 - S1 (07.07.2015) - vv,vh,ndi(vh,vv) colour composite - Until recently, the 1141 m high Ok was topped by a small glacial icecap. [3D view](#)



A plaque reads: "Ok is the first glacier to lose its status as a glacier. In the next 200 years, all our glaciers are expected to follow the same path."

Fig. 3 - S1 (10.07.2019) - vv,vh,ndi(vh,vv) colour composite - It became the first Icelandic glacier to lose its status as a glacier. [3D animation](#) [3D view](#)

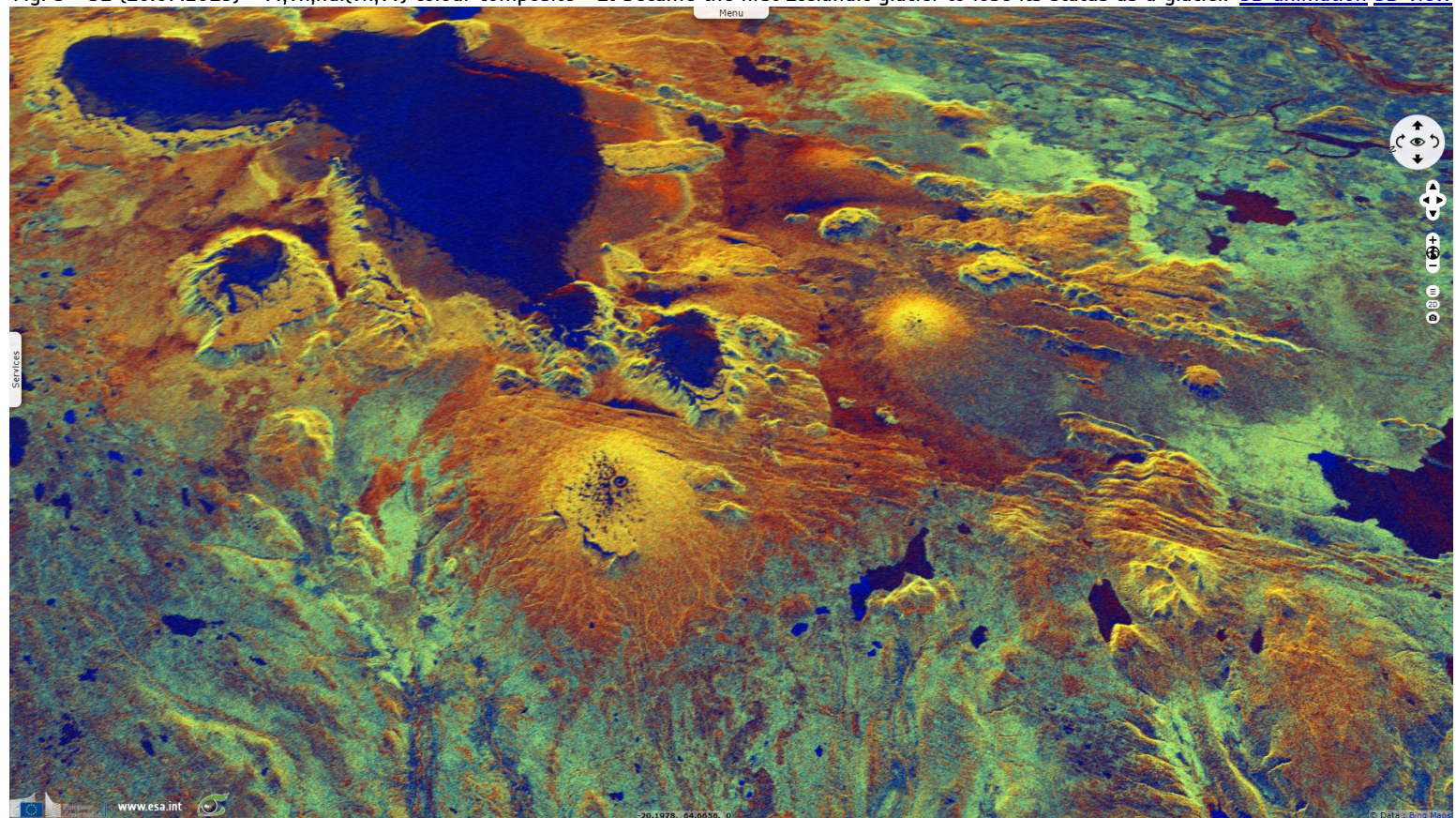
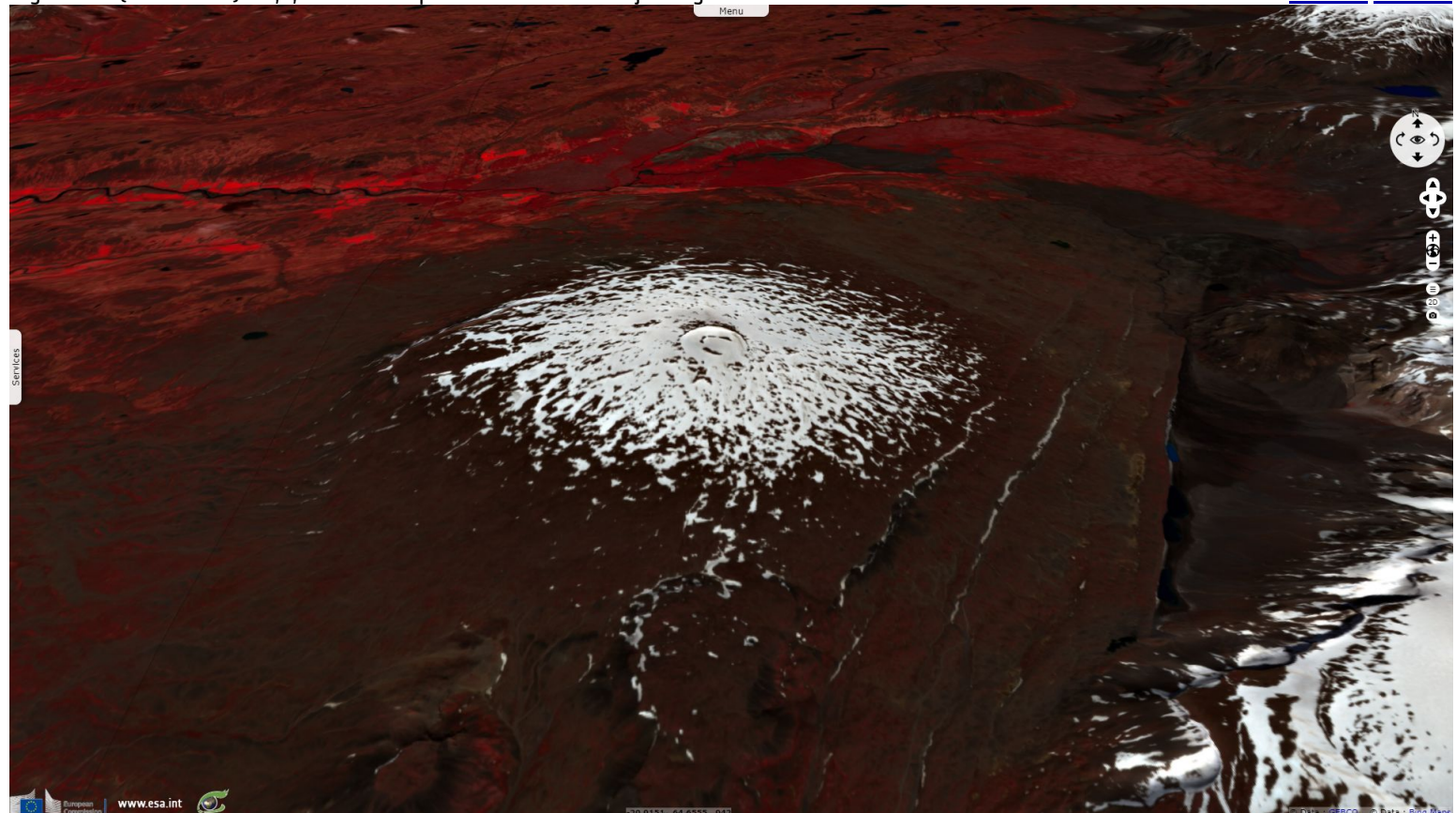














Fig. 4 - S2 (30.05.2019) - 8,4,3 colour composite - The former Okjökull glacier will be memorialised with a monument to its status. [2D view](#) [3D view](#)



*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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