

Casiquiare Canal between Orinoco and Amazon

Sentinel-1 CSAR IW acquired on **24 May 2016** from 10:09:58 to 10:10:23 UTC

Sentinel-2 MSI acquired on **16 December 2018** at 14:57:21 UTC

Sentinel-2 MSI acquired on **18 December 2018** at 14:47:29 UTC

Sentinel-2 MSI acquired on **02 January 2019** at 14:47:31 UTC

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[2D Layerstack](#)

Fig. 1 - S1 (24.05.2016) - vv,vh,ndi(vh,vv) colour composite - Part of the Orinoco (north) and the Amazon basin (south).

[2D view](#) [3D view](#)



Fig. 2 - Casiquiare Canal is a distributary from the Orinoco flowing south-west to the Rio Negro, a major affluent to the Amazon.

[2D view](#)

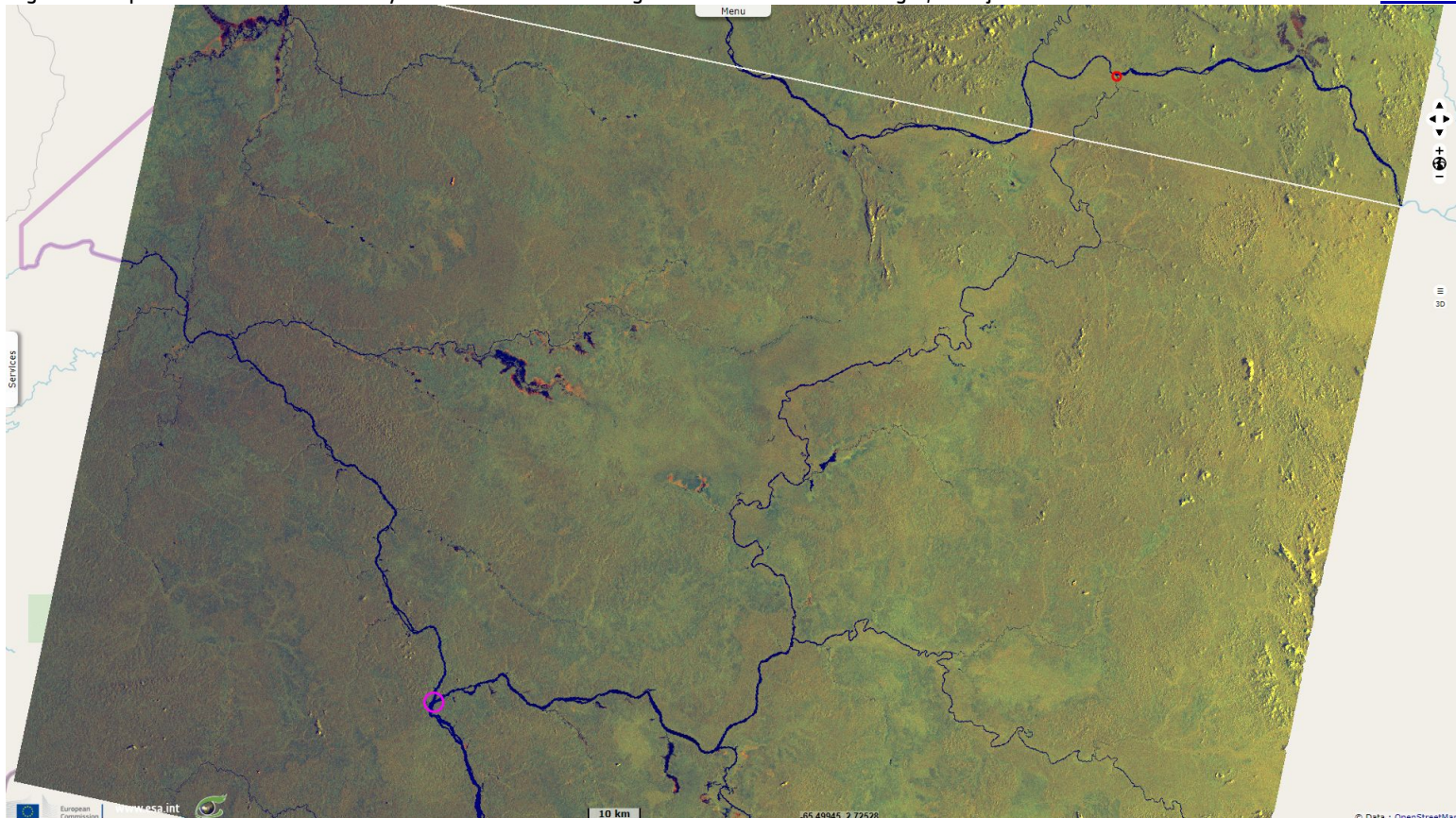


Fig. 3 - S2 (18.12.2018) - 12,11,2 colour composite - The Orinoco, World's 3rd river by volume, loses ~15% of its waters at the bifurcation. [2D view](#)

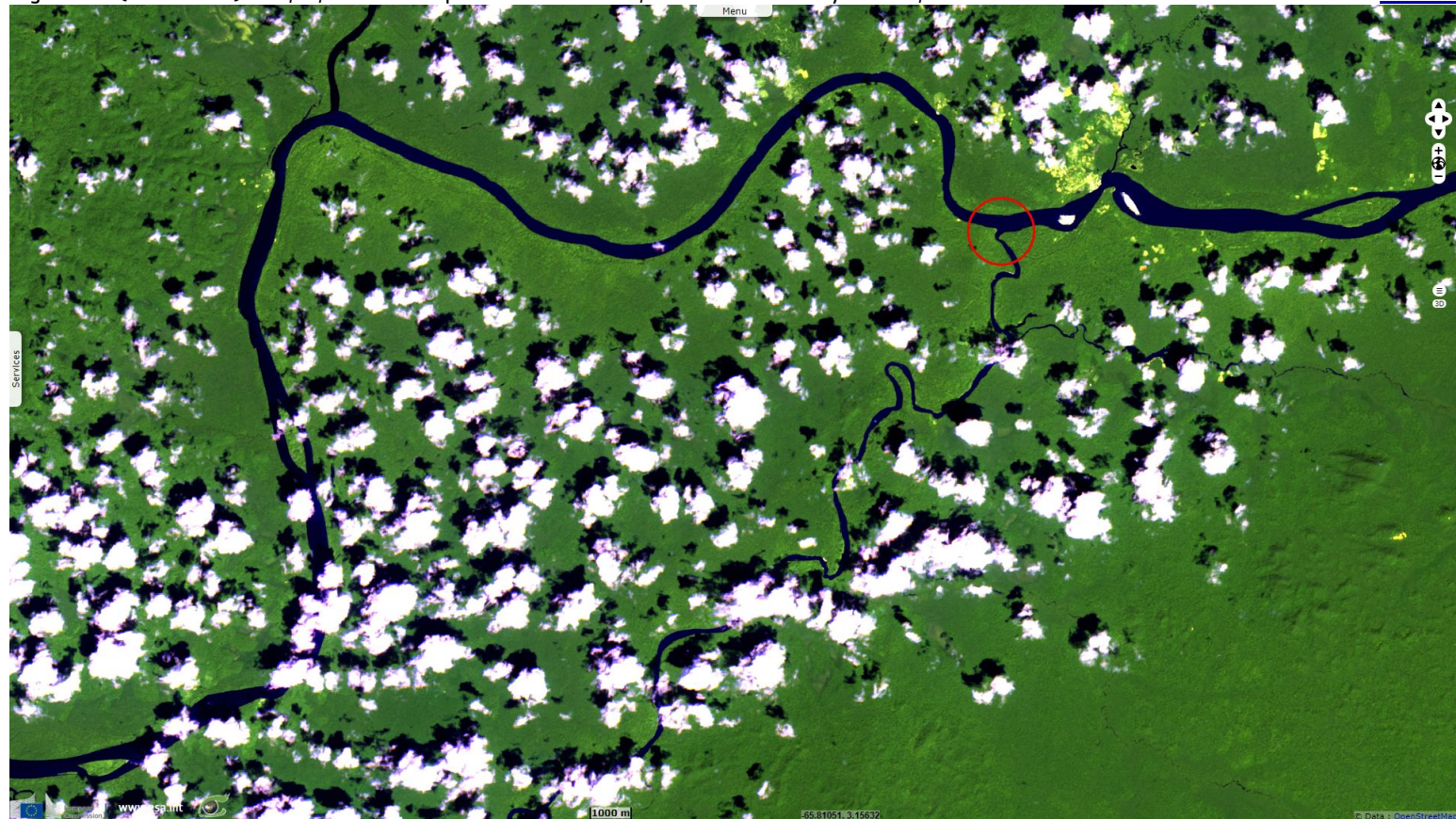
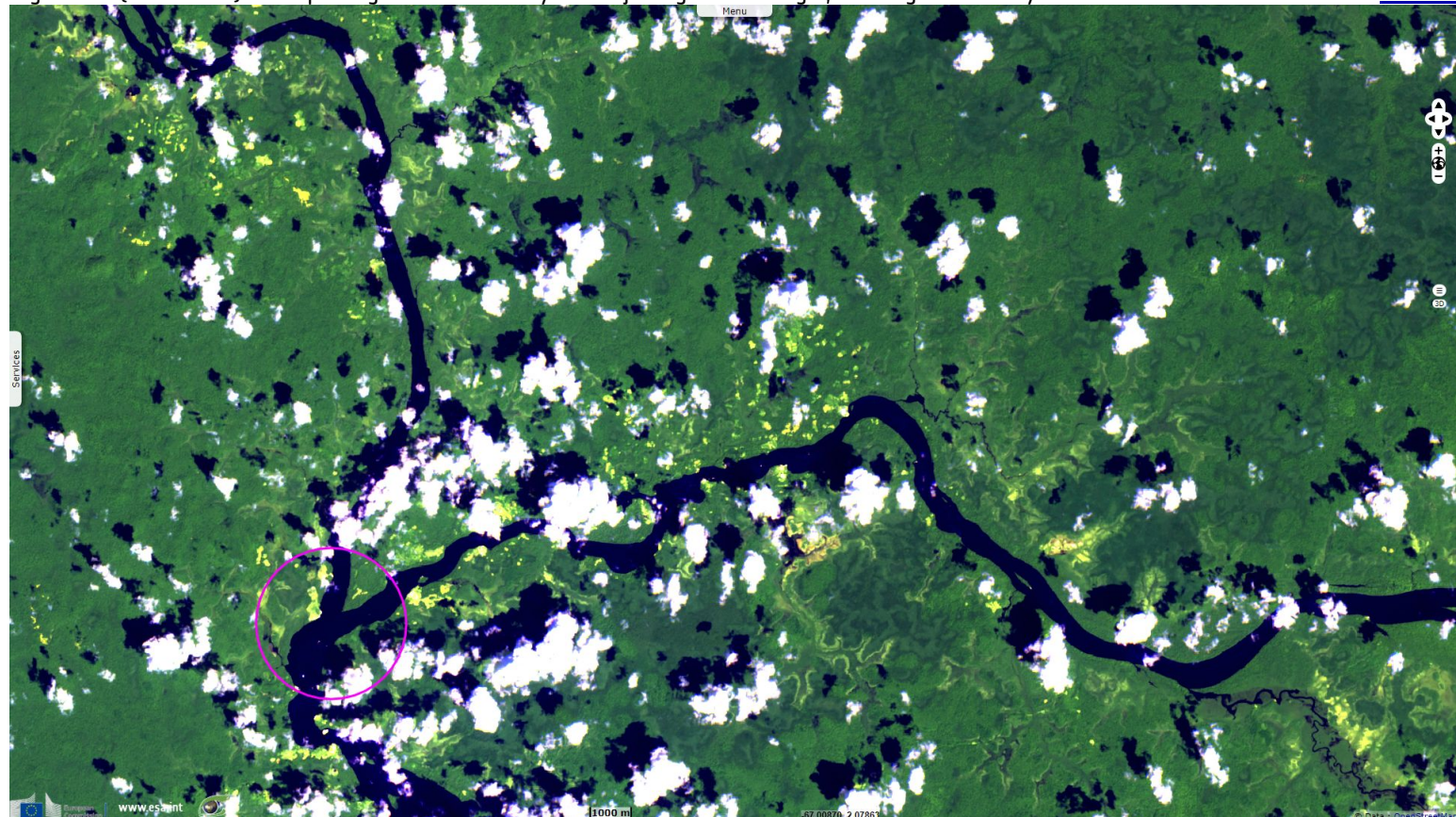














Fig. 4 - S2 (16.12.2018) - Casiquiare grows considerably before joining the Rio Negro, 2nd largest tributary of the Amazon. [2D view](#)



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