

Vilyuy river, Central Siberian Plateau

Sentinel-3 SRAL LAND acquired on 20 March 2018 at 12:33:40 UTC

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Sentinel-1 CSAR IW acquired on 09 April 2018 at 22:54:51 UTC

Sentinel-2 MSI acquired on 11 April 2018 at 04:07:11 UTC

Sentinel-1 CSAR IW acquired on 24 September 2018 at 22:54:59 UTC

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Keyword(s): River, polar, taiga, ice, snow, Siberia, Russia



[3D Layerstack](#)

Fig. 1 - S1 (09.04.2018) - vv,vh,ndi(vh,vv) colour composite - Colourful polarimetry highlights icy textures on Vilyuy river.

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

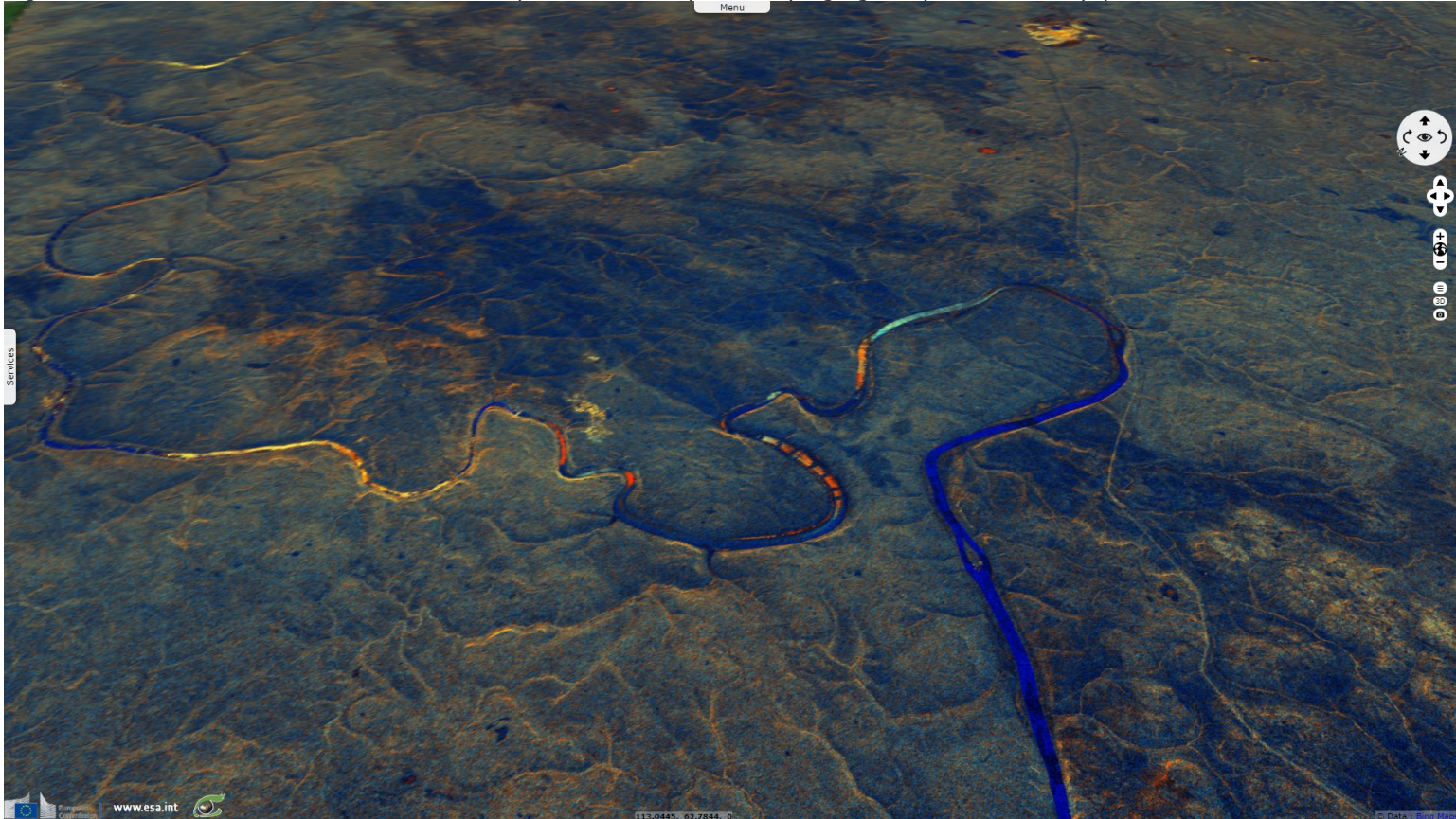


Fig. 2 - S2 (11.04.2018 - 4,3,2 natural colour) & S3 SRAL (Mar. 2018 - Peakiness Plrm Ku 20Hz) - Running water transitions to an icy flow.

[3D view](#)

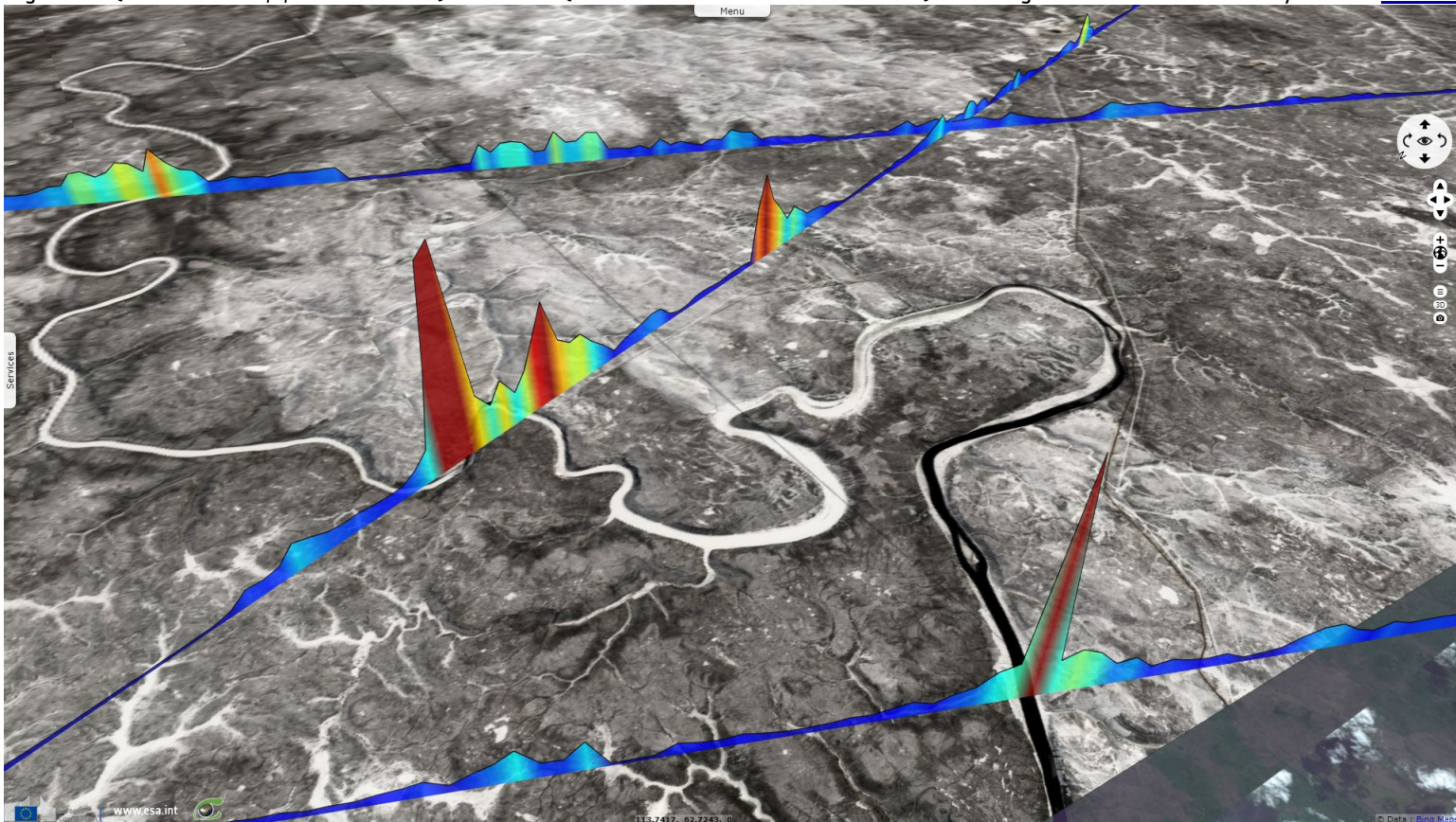


Fig. 3 - S2 (12,11,2 colour composite) & S3 SRAL (Corrected ocog backscatter coefficient) - Mid infrared reveal details of this taiga landscape. [3D view](#)

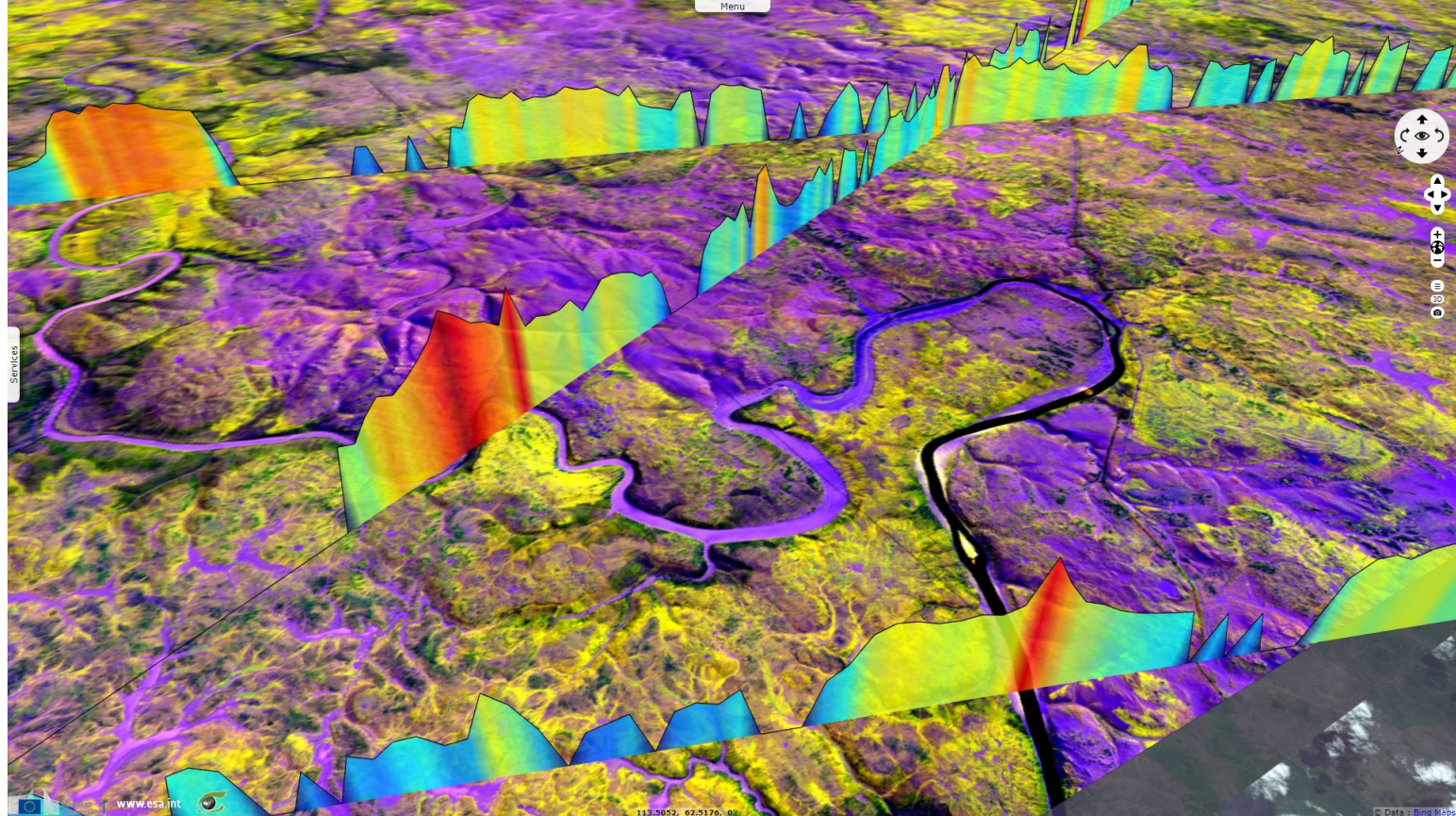
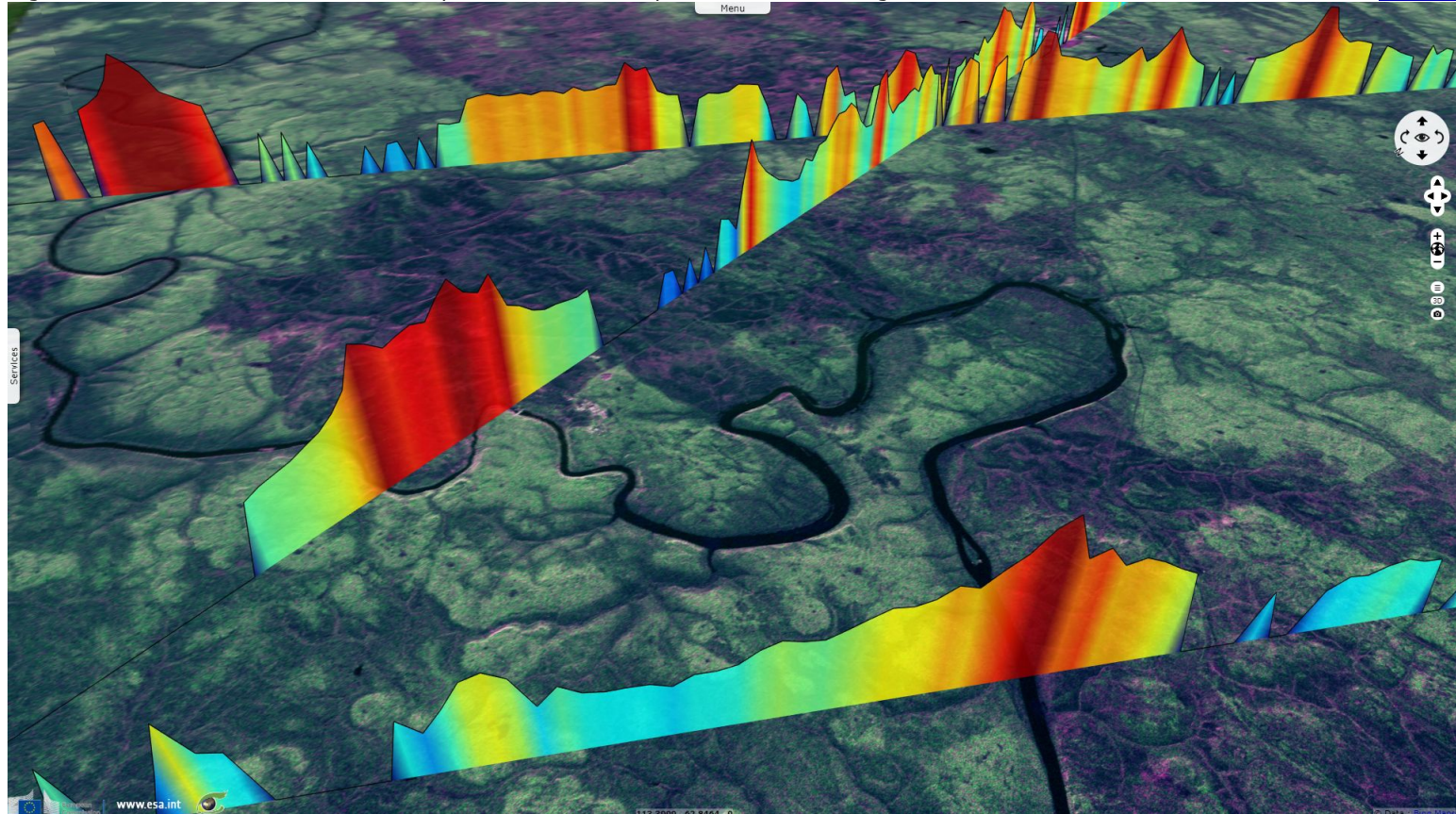


Fig. 4 - S1 (24.09.2018 - vv,vh,vv colour composite) & S3 SRAL (Sep. 2018 - Corrected ocog backscatter coefficient) - View before ice returns. [3D view](#)



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