Sentinel Vision
SED-661
18 May 2020

2D Layerstack

Pseudo quad-pol experiment around Montreal, Canada

Sentinel-1 CSAR IW acquired on **04 August 2016** at 22:43:50 UTC
Sentinel-1 CSAR IW acquired on **16 August 2016** at 22:43:50 UTC
Sentinel-1 CSAR IW acquired on **08 April 2019** at 22:52:18 UTC
Sentinel-1 CSAR IW acquired on **20 April 2019** at 22:52:19 UTC

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Keyword(s): Radar, river, lakes, urban, Quebec, Canada

Fig. 1 - S1 (HH+HV: 20.04.2019, VV+VH: 08.04.2019) - vv,vh+hv,hh composite - Naive pseudo-quadpol rendering around Montreal, Canada. 2D view

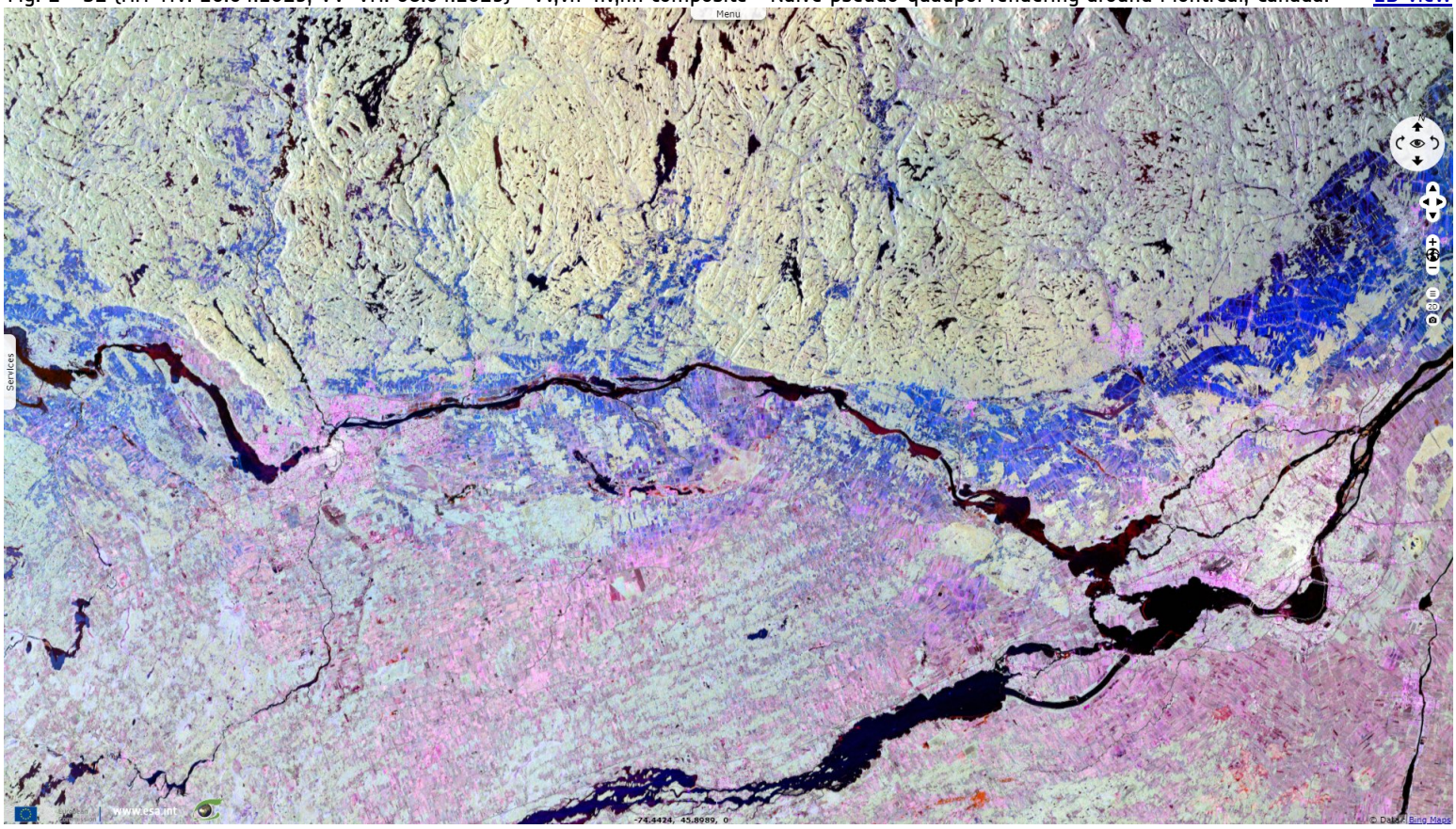


Fig. 2 - vv+hh,vh+hv,hh-vv composite - Rendering using Pauli decomposition. 2D view

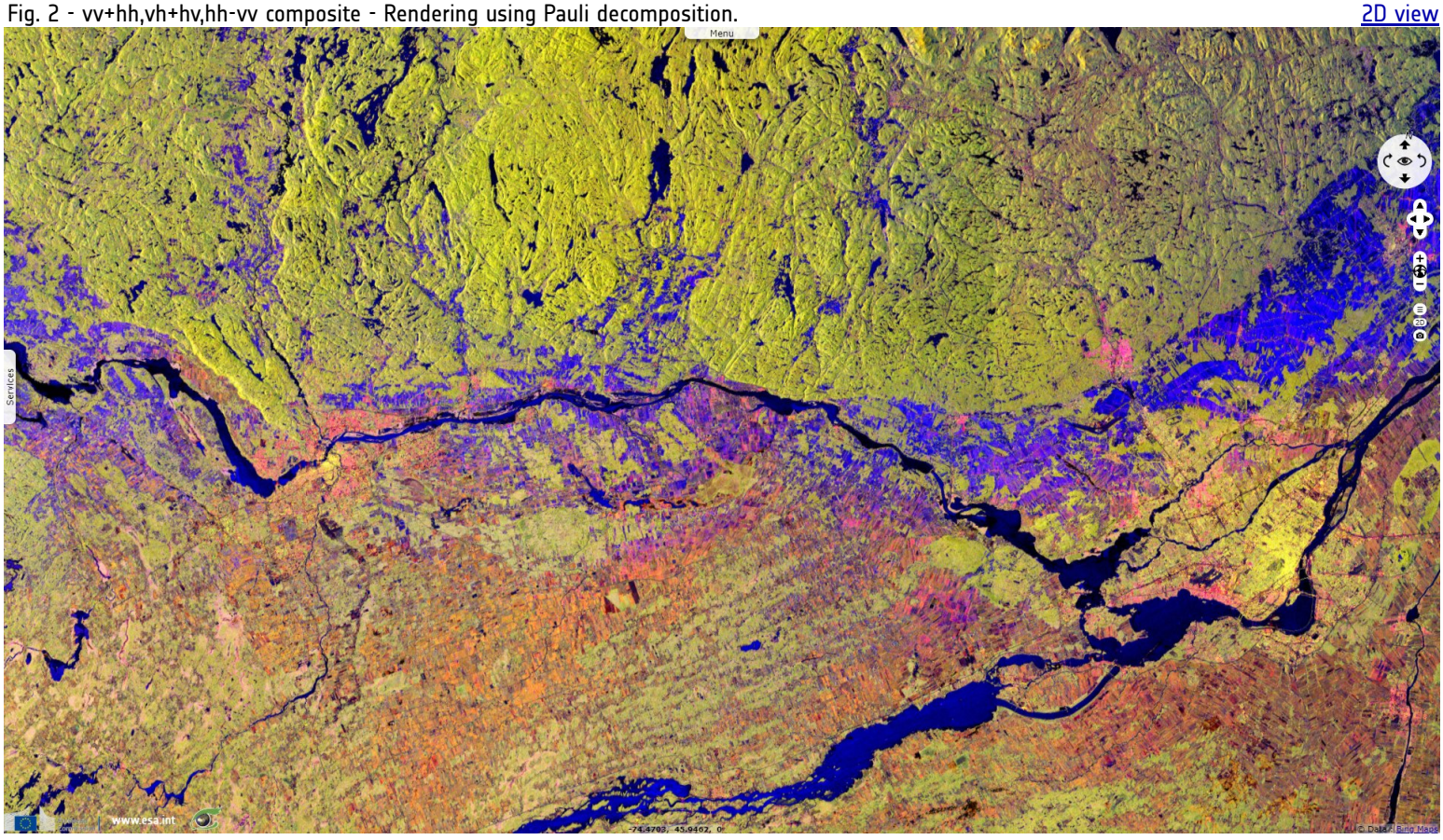


Fig. 3 - S1 (HH+HV: 04.08.2016, VV+VH: 16.08.2016) - vv,vh+hv,hh colour composite - View east of Montreal, Quebec, in summer. 2D view

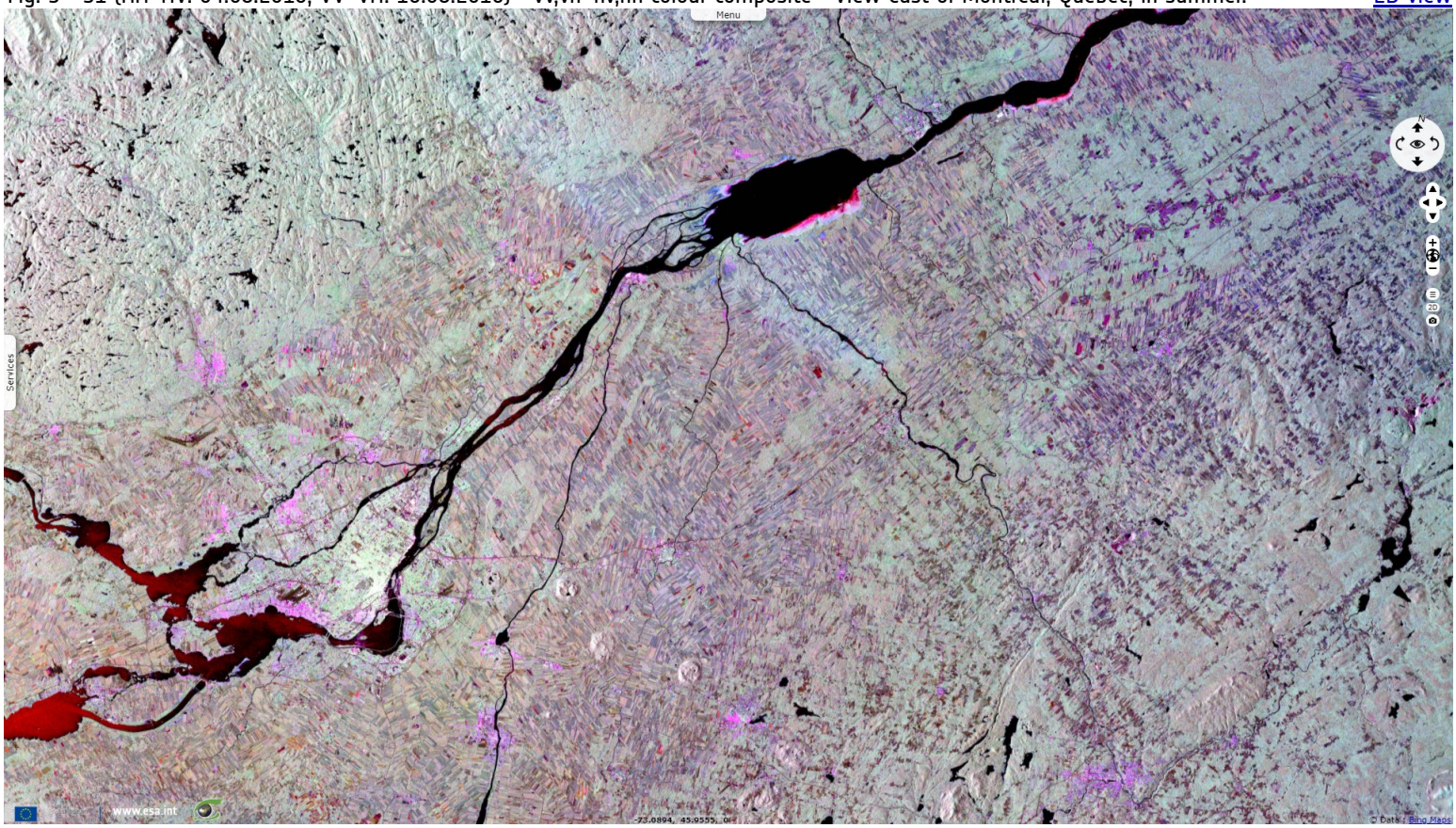
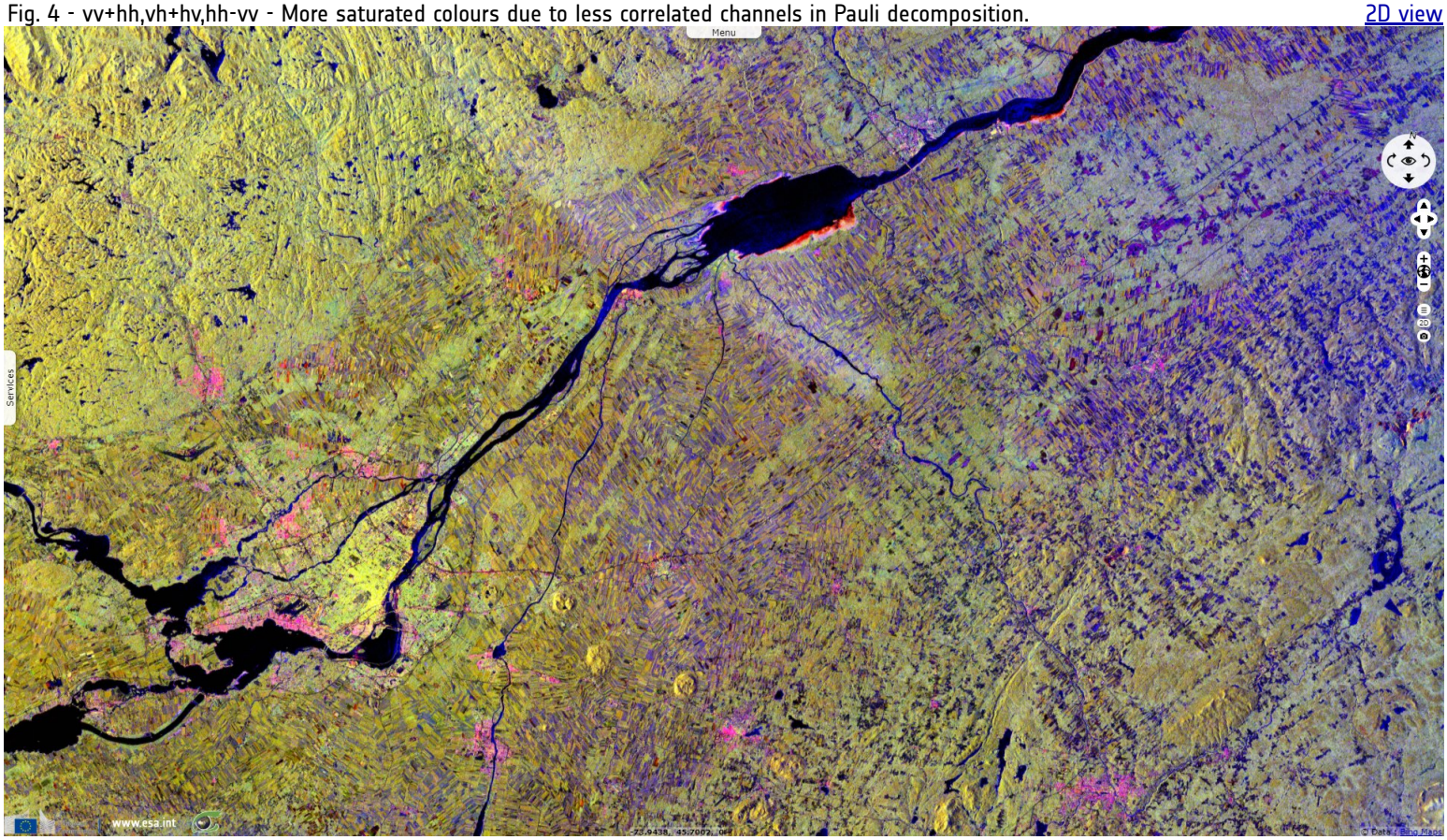


Fig. 4 - vv+hh,vh+hv,hh-vv - More saturated colours due to less correlated channels in Pauli decomposition. 2D view



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