

Palmanova, Italy, ideal city of the Renaissance

Sentinel-2 MSI acquired on 27 November 2017 at 10:03:41 UTC
Sentinel-1 CSAR IW acquired on 17 October 2018 at 16:57:56 UTC

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Sentinel-1 CSAR IW acquired on 22 November 2018 at 16:57:56 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (27.11.2017) - 4,3,2 natural colour - Palmanova is an Italian city built up by the Venetian Republic in 1593.

[2D view](#)



It's a concentric city shaped as a 9-pointed star with 3 ring roads surrounded by 3 large gates, 9 ravelins, 9 bastions, 9 lunettes & 18 cavaliers.

Fig. 2 - 11,8,2 colour composite - The 3D view highlights the circular nature of the fort-city, based on Utopian principles.

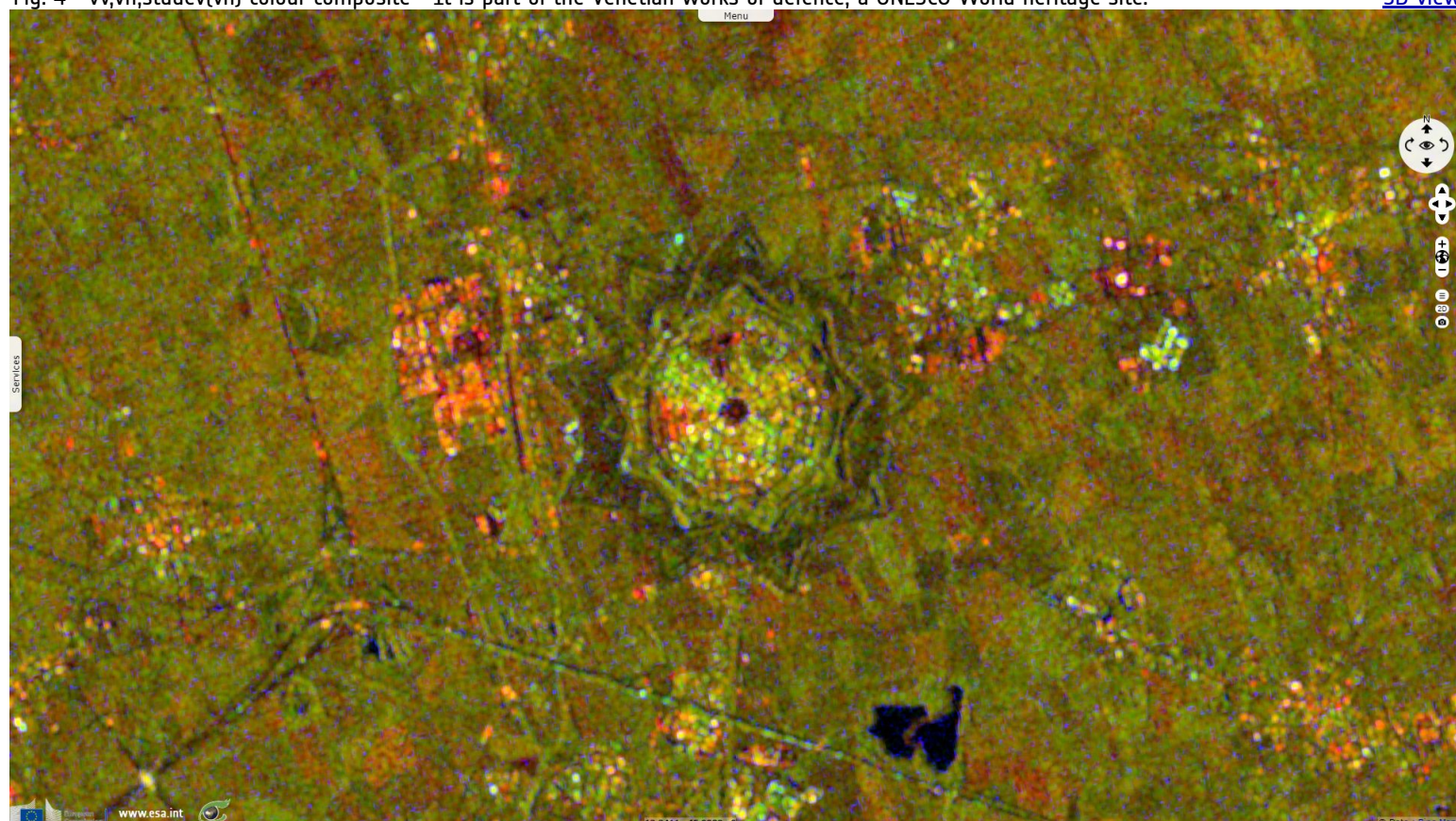
[3D view](#)















Fig. 3 - S1 (mean 17 & 29.10.2018; 10 & 22.11.2018) - vv,vh,vv colour composite - It's a prime example of star fort of the Late Renaissance. [3D view](#)



Fig. 4 - vv,vh,stddev(vh) colour composite - It is part of the Venetian works of defence, a UNESCO World heritage site. [3D view](#)



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