Sentinel Vision
SED-549
04 November 2019

3D Layerstack

El Cajón Dam, Honduras

Sentinel-1 CSAR IW acquired on **26 October 2019** at 23:58:07 UTC
Sentinel-2 MSI acquired on **29 October 2019** at 16:14:11 UTC

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Keyword(s): Reservoir lake, renewable energy, dam, climate change, hydropower, flood control, drought, irrigation, sediments, alluvium, water colour, Honduras.

Fig. 1 - S1 (26.10.2019) - vv,vh,ndi(vh,vv) colour composite - El Cajón Dam is a hydroelectric power plant located in Western Honduras. 3D view

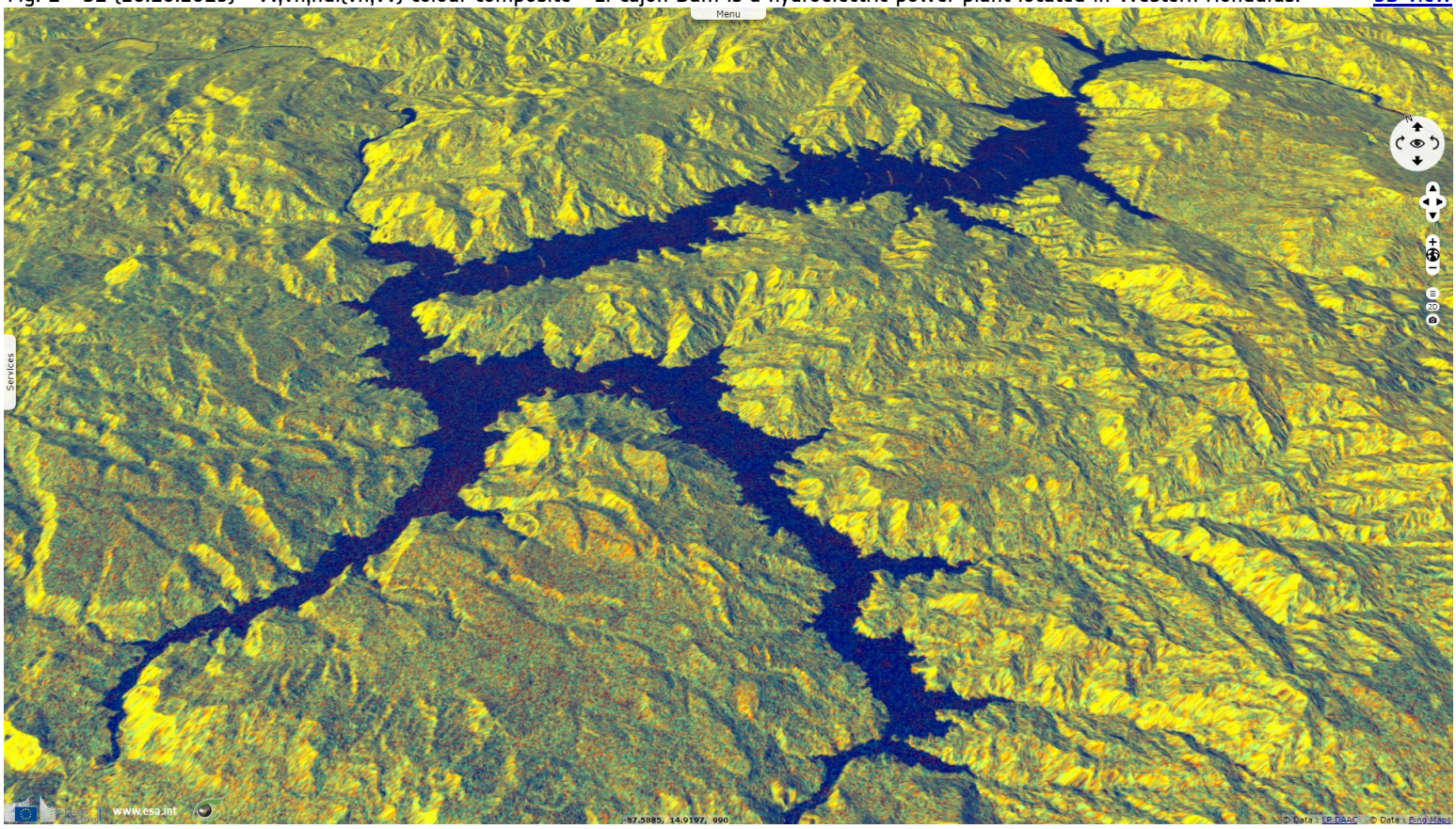
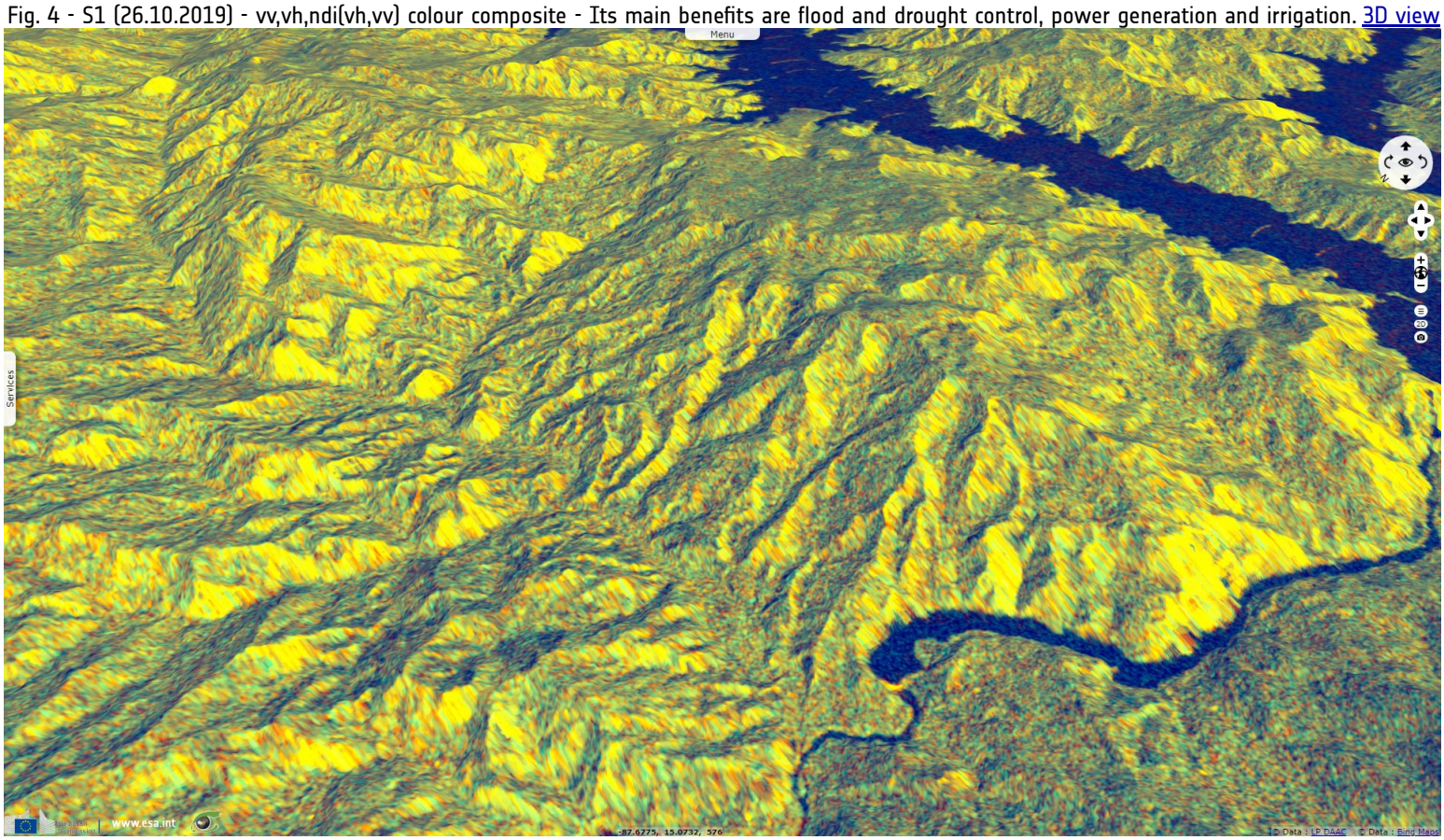


Fig. 2 - S2 (29.10.2019) - 4,3,2 natural colour - El Cajón is a double arch dam, 226m high and 282m wide. 2D view

Fig. 3 - 4,3,2 natural colour - The Humuya & Sulaco rivers meet to form a reservoir lake which spans 94 km² and has a capacity of 5.7 km3. 3D view

Fig. 4 - S1 (26.10.2019) - vv,vh,ndi(vh,vv) colour composite - Its main benefits are flood and drought control, power generation and irrigation. 3D view



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