

Flood monitoring in Medjerda Wadi (Tunisia)

Sentinel-1 CSAR IW acquired on 08 February 2015 at 17:20:06 UTC
Sentinel-1 CSAR IW acquired on 15 February 2016 at 17:20:16 UTC
Sentinel-1 CSAR IW acquired on 09 February 2017 at 17:20:13 UTC
Sentinel-1 CSAR IW acquired on 09 February 2017 at 17:20:38 UTC

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Keyword(s): land, hydrology, renewable energy, flooding, dam, lake, Tunisia

[2D Layerstack](#)

Fig. 1 - S1A IW (08.02.2015, 15.02.2016 & 09.02.2017) - VV-VH-VV composite - Global view of north of Tunisia.

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

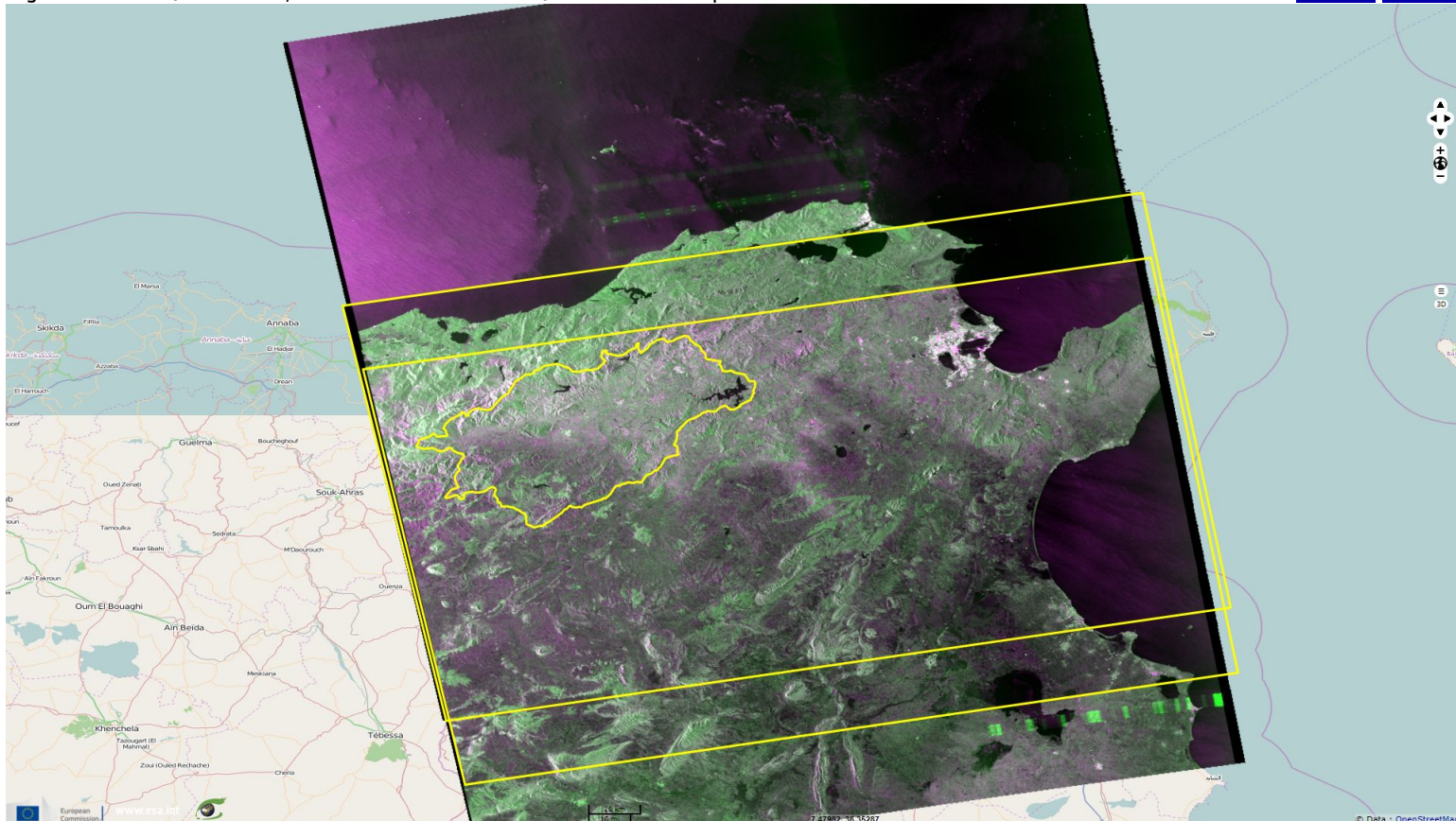


Fig. 2 - S1A IW (08.02.2015) - VV-VH-NDI(VH,VV) composite - Sidi Salem Dam, Tunisia's **largest dam**.

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

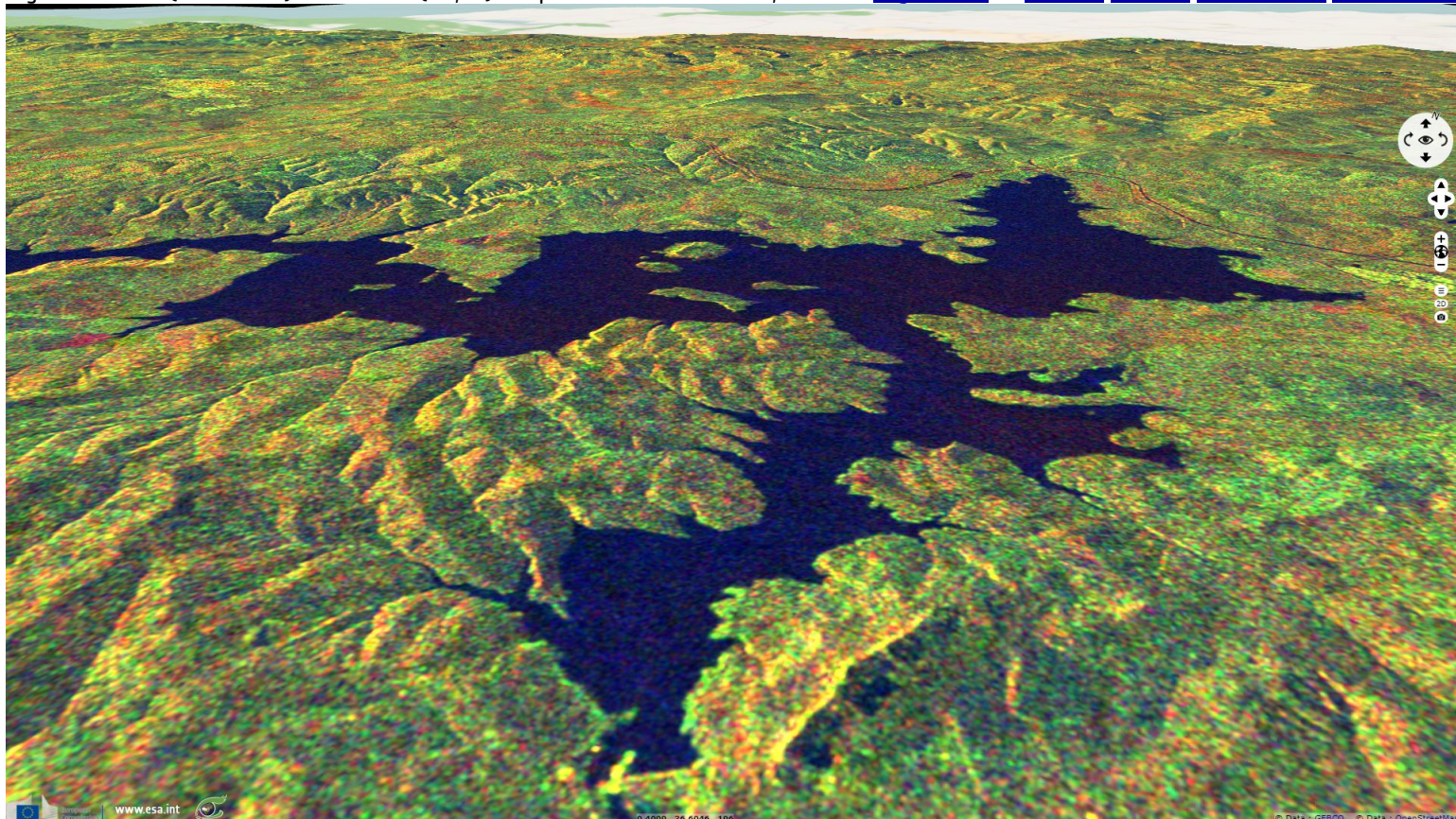


Fig. 3 - S1A IW (15.02.2016) - It was built from 1977 to 1981 to provide water for irrigation and produce electric power.

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

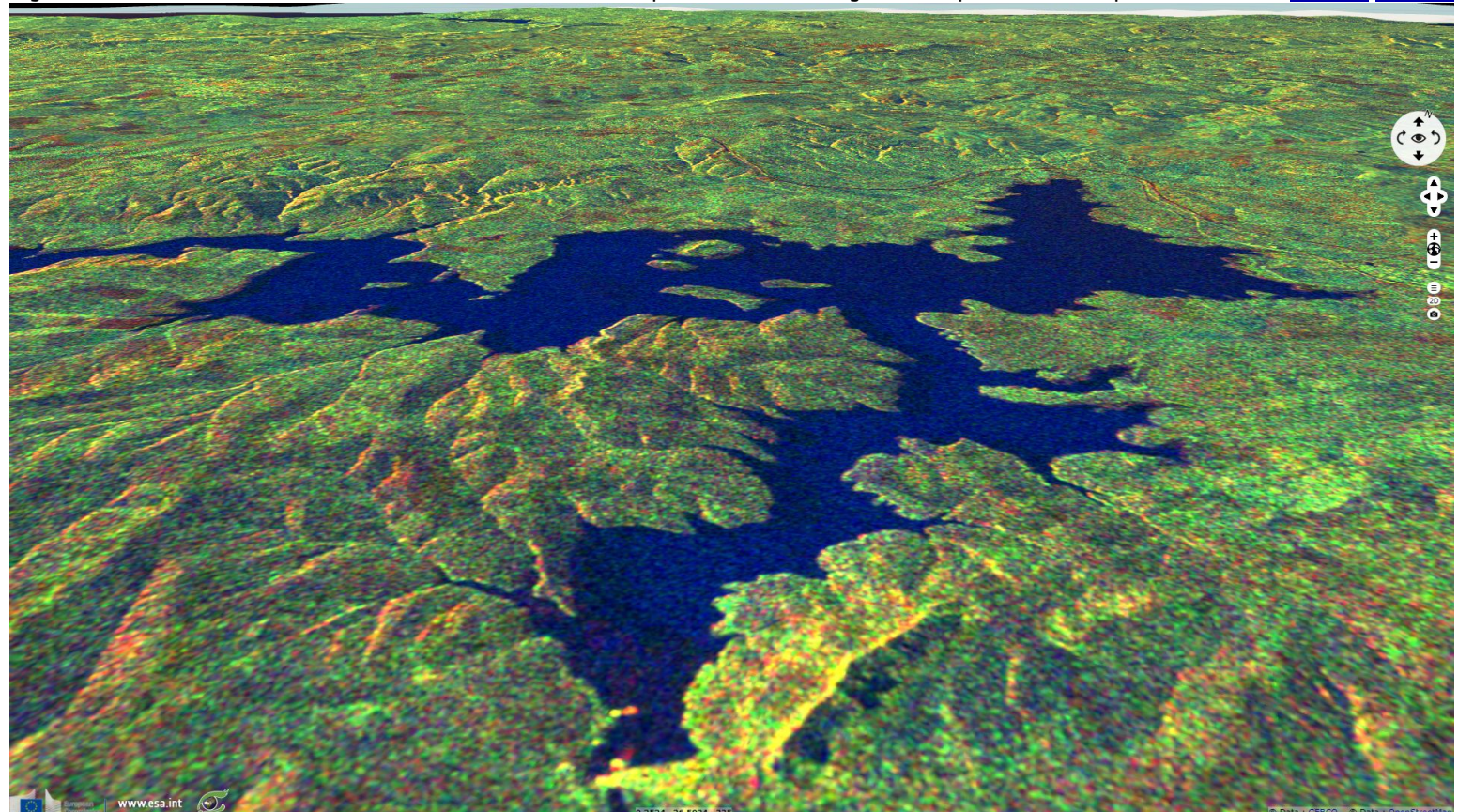
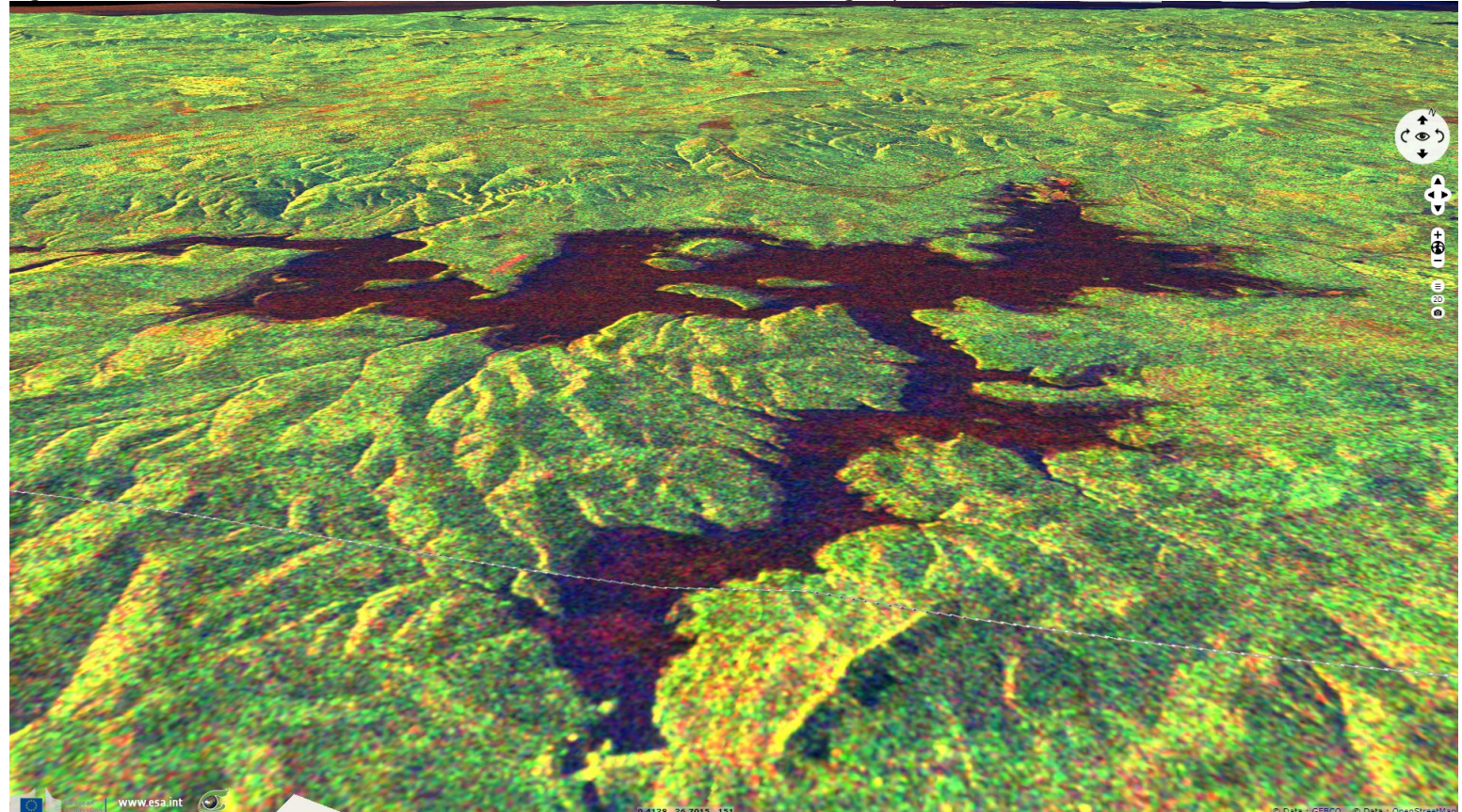


Fig. 4 - S1A IW (09.02.2017) - Sidi Salem dam lies on the course of Medjerda, the longest permanent river in Tunisia

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



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