

Danube delta

Sentinel-2 MSI acquired on 20 September 2018 at 08:56:19 UTC
Sentinel-1 CSAR IW acquired on 23 September 2018 from 04:12:22 to 04:12:47 UTC

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Keyword(s): Coastal, river, hydrology, marsh, channels, lakes, UNESCO World Heritage, Ramsar wetland, Romania, Ukraine, Danube, Black Sea

[3D Layerstack](#)

Fig. 1 - S1 (23.09.2018) - vv,vh,vv colour composite - With 4150km² (5170km² lagoons included) Danube delta is the 2nd largest in Europe. [2D view](#)



The Danube Delta is an alluvial plain mostly covered by marshes, channels, streamlets & lakes. 20% of its area is below sea level, 50% below 1m.

Fig. 2 - 4,3,2 natural colour - +320 bird species nest & hatch there; half migrate from 6 major ecoregions: Mongolia, Arctic, Siberia... [2D view](#)



Fig. 3 - S2 [20.09.2018] - 11,8,2 colour composite - The Communist regime drained & converted large wetlands areas after 1960.

[2D view](#)

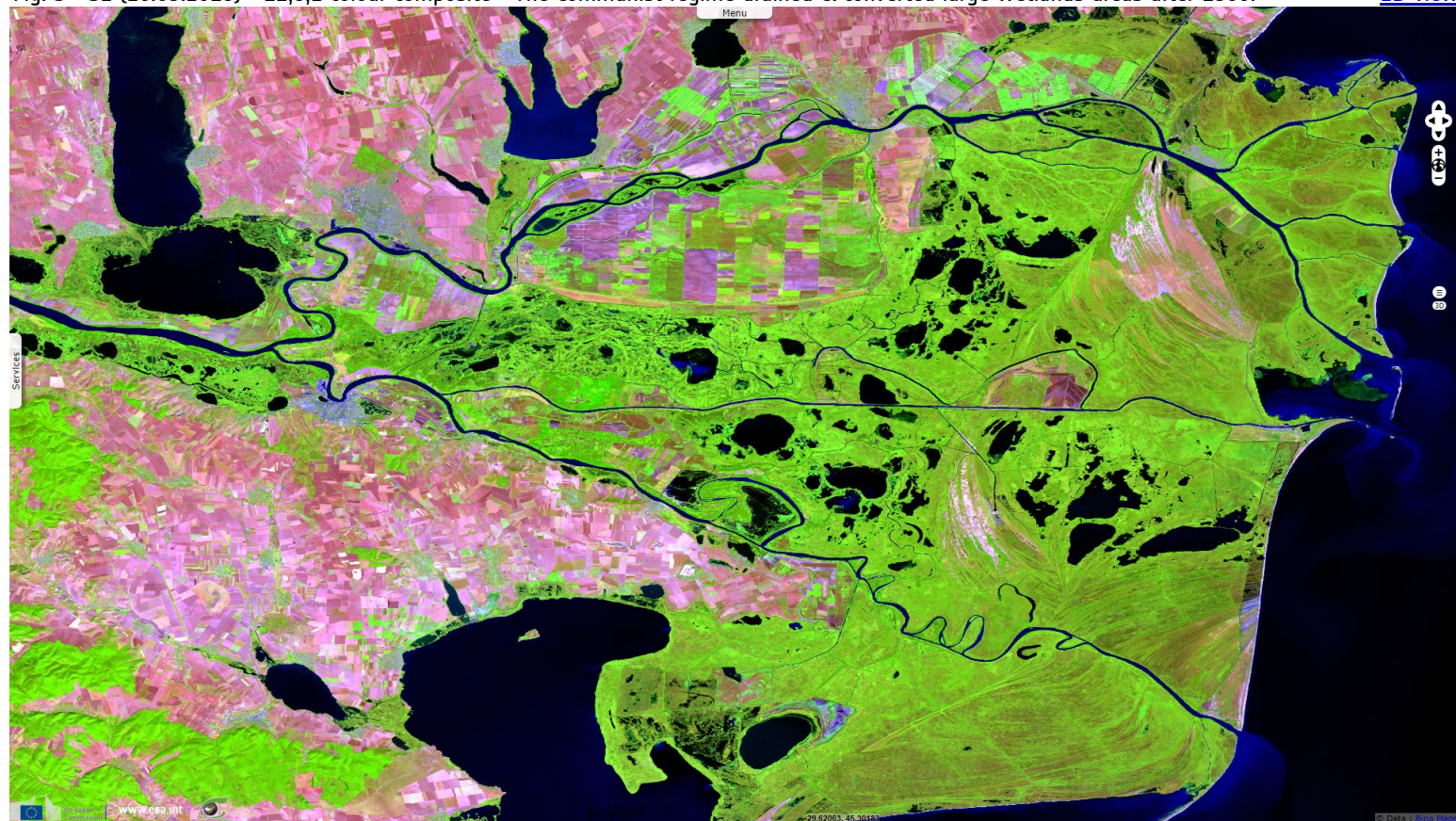


Fig. 4 - 12,11,2 colour composite - This along with increased pollution and poor fishing regulations damaged fish population of the Danube. [2D view](#)



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