Sentinel Vision SED-914 04 August 2021 2D Layerstack

Bayou submersion in Louisiana, United States

Sentinel-1 CSAR IW acquired on 15 March 2015 at 00:09:46 UTC

Sentinel-2 MSI acquired on 02 April 2021 at 16:28:29 UTC

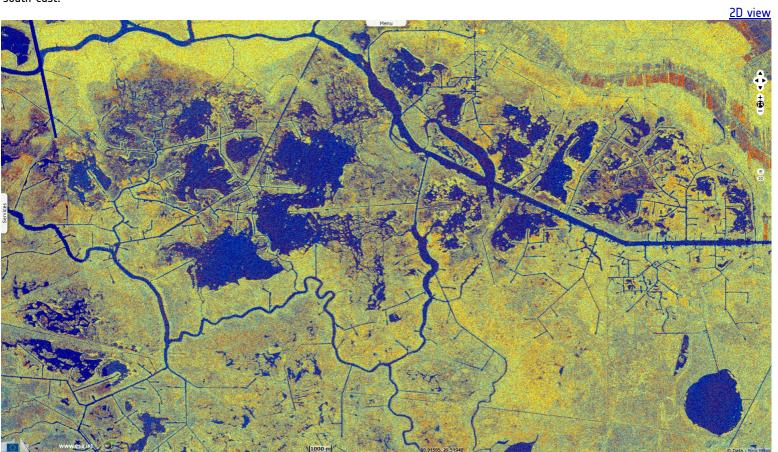
Sentinel-2 MSI acquired on 05 April 2021 at 16:38:39 UTC

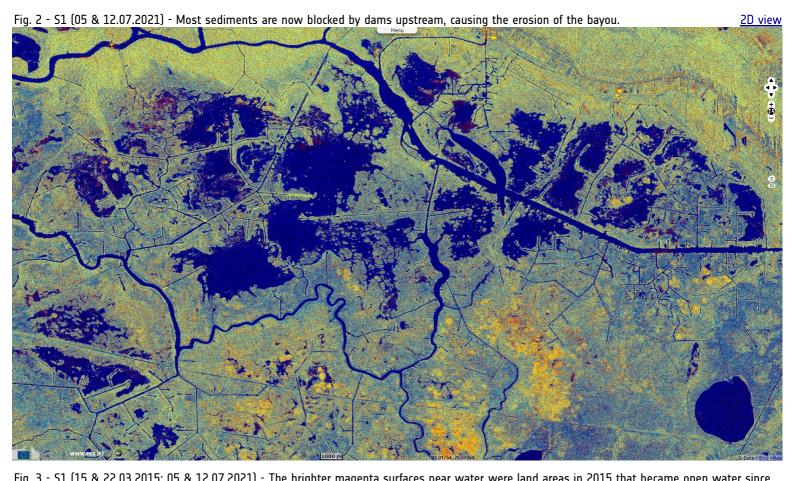
Sentinel-1 CSAR IW acquired on 12 July 2021 from 00:02:00 to 00:02:25 UTC

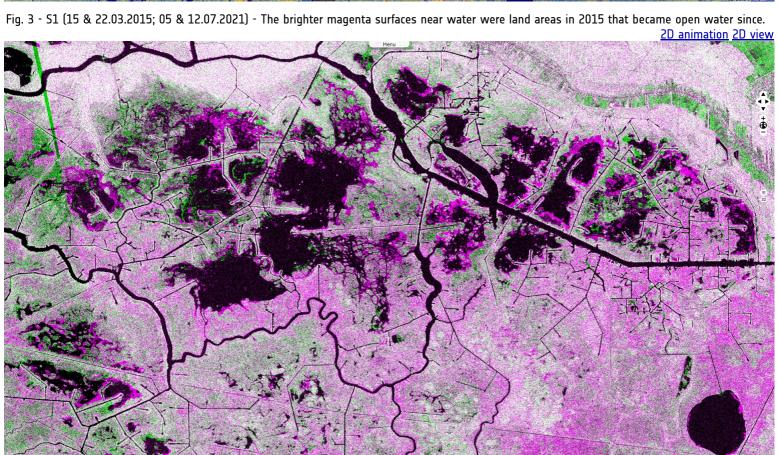
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<u>Keyword(s):</u> Coastal, wetland, swamp, dam, infrastructure, urban planning, subsidence, erosion, sedimentation, alluvium, biodiversity, Mississippi delta, USA

Fig. 1 - S1 (15 & 22.03.2015) - Radar image of the south-west lobe of the Mississippi delta in 2015, it is no longer active, the active lobe is at south-east.







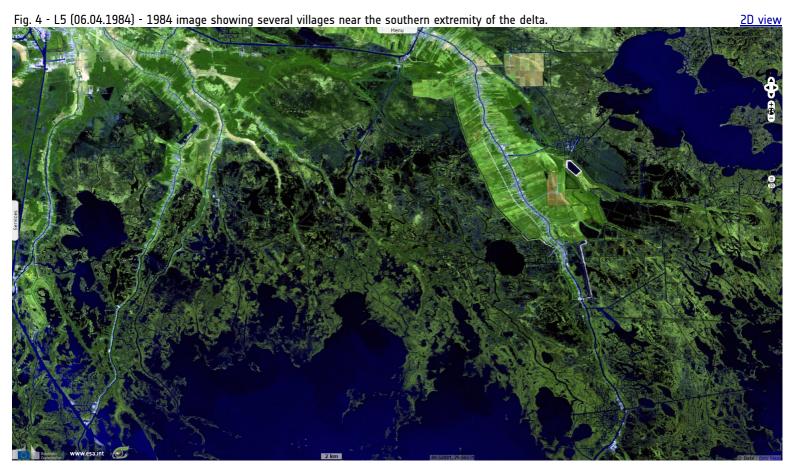
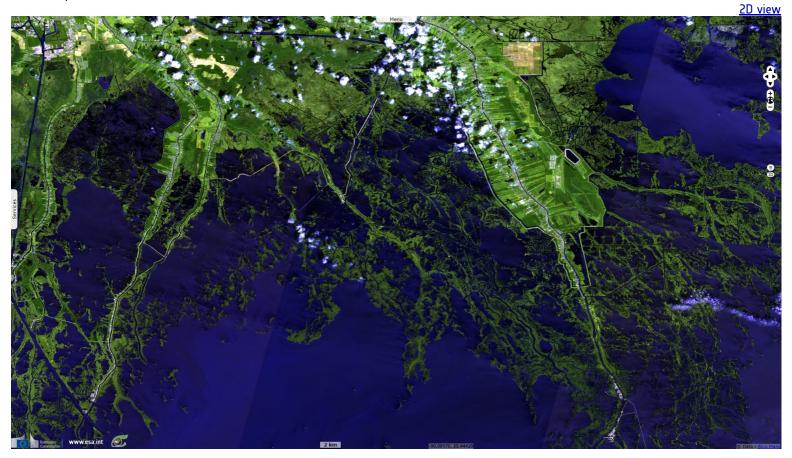
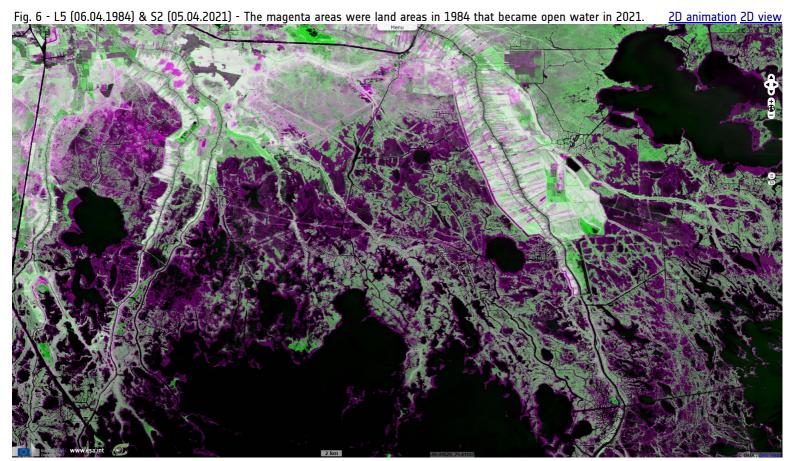


Fig. 5 - S2 (05.04.2021) - A massive proportion of the surface diseappeared underwater, the subsidence is worsened by the pumping caused by the oil industry.





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