

Mahanadi & Sankh rivers overflow Indian east coast

Sentinel-1 CSAR IW acquired on **27 August 2018** at 12:20:05 UTC
Sentinel-1 CSAR IW acquired on **08 September 2018** at 12:20:05 UTC
Sentinel-2 MSI acquired on **12 September 2018** at 04:36:49 UTC

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[2D Layerstack](#)

Fig. 1 - S1 (27.08.2018) - vv,vh,ndi(vh,vv) colour composite - Monsoon precipitations have caused Mahanadi & Sankh rivers to overflow.

[2D view](#)

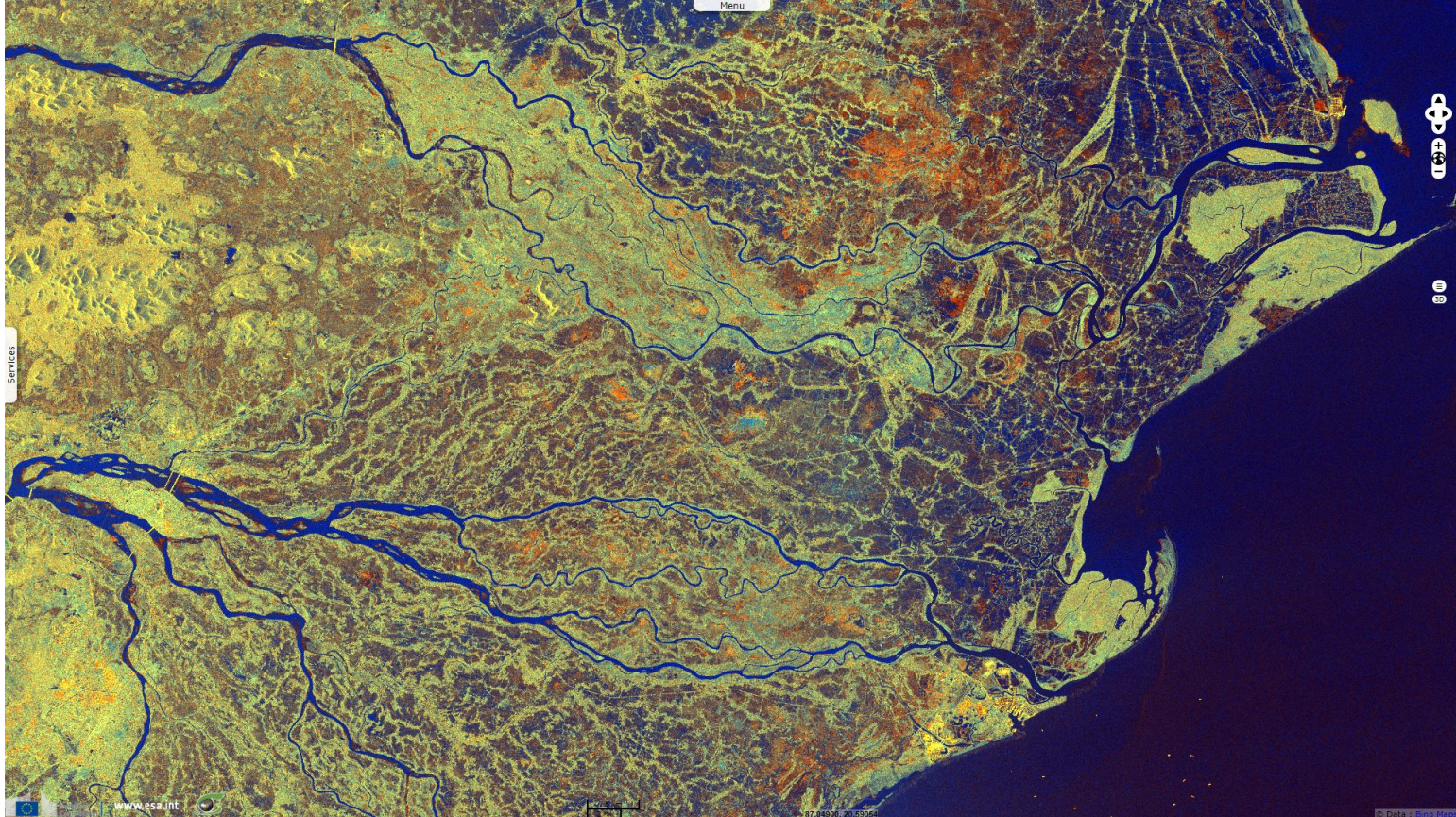


Fig. 2 - S1 (08.09.2018) - Being called 'the sorrow of Orissa', Mahanadi was notorious for its devastating floods,

[2D view](#)

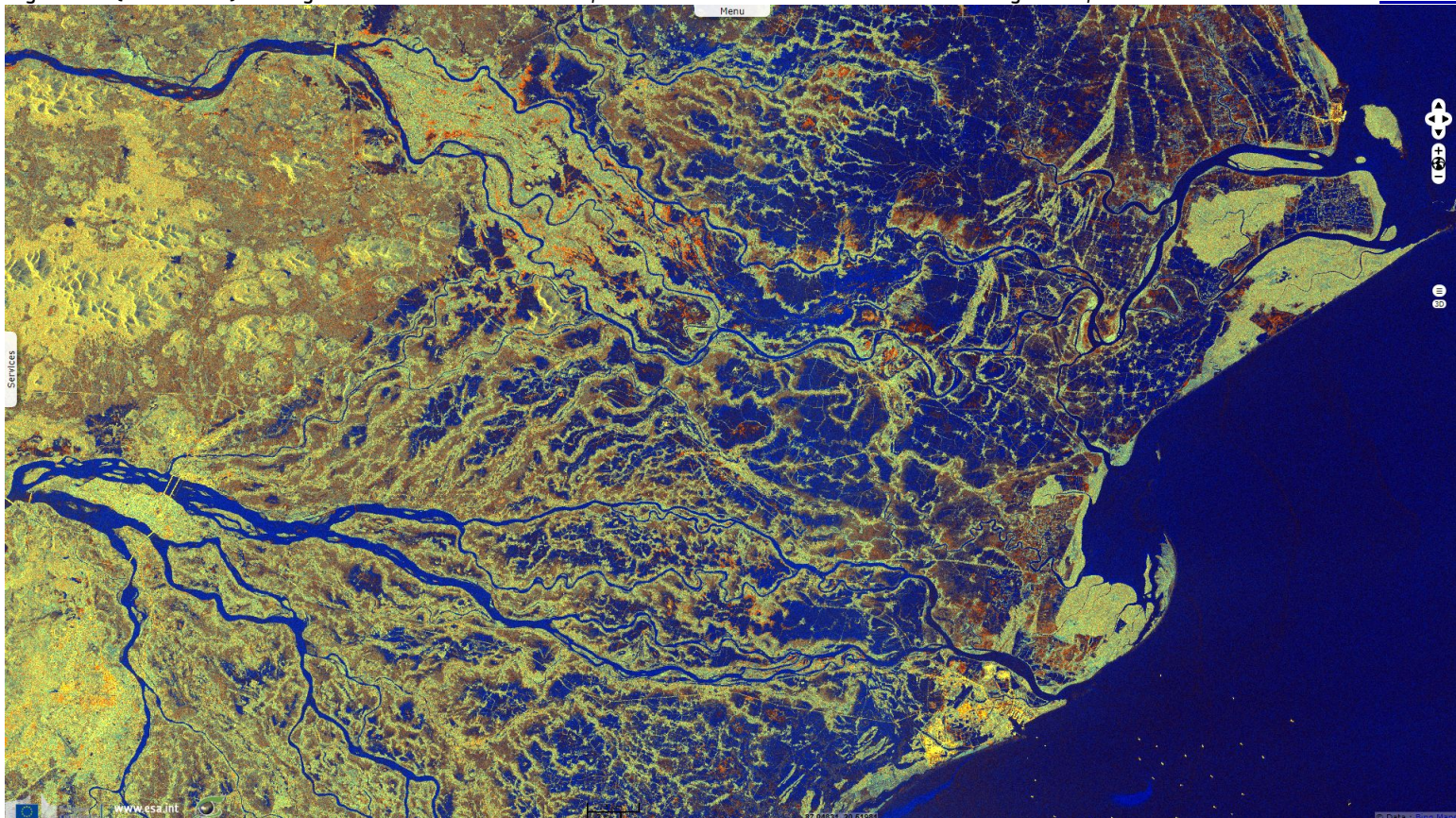


Fig. 3 - S2 (12.09.2018) - 4,3,2 colour composite - 4 days later, muddy water persists over most flooded areas.

[2D view](#)

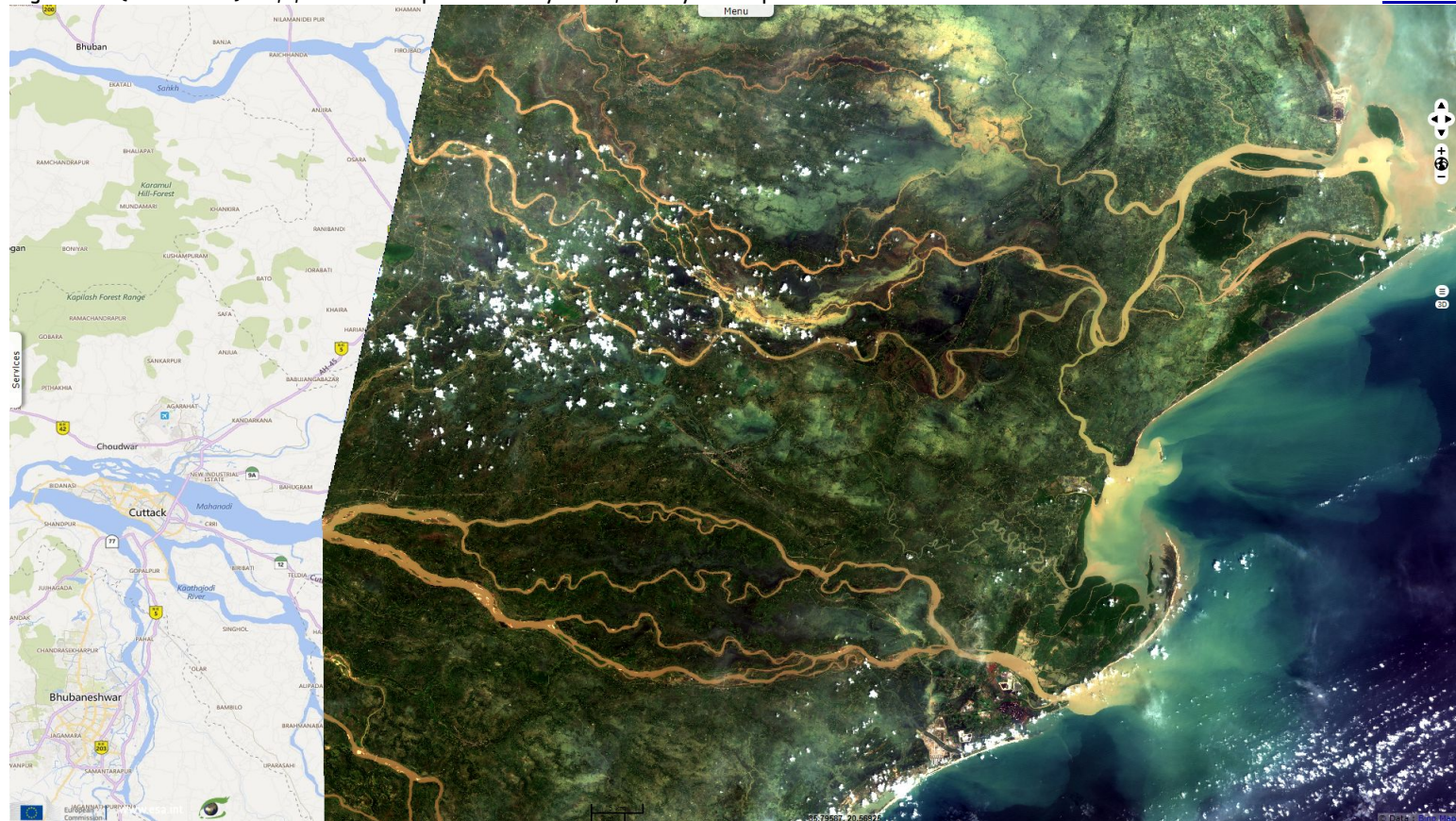
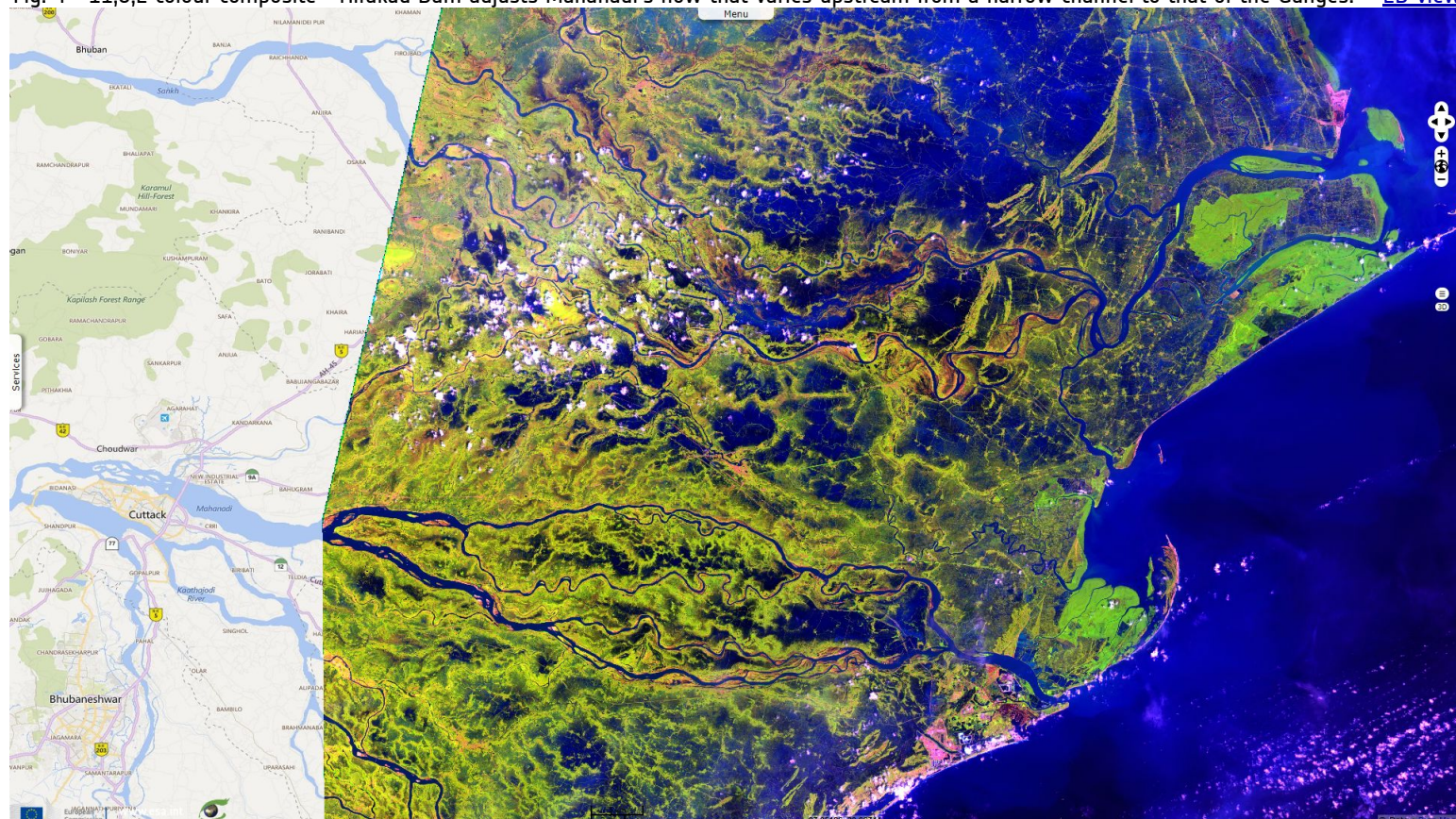


Fig. 4 - 11,8,2 colour composite - Hirakud Dam adjusts Mahanadi's flow that varies upstream from a narrow channel to that of the Ganges.

[2D view](#)



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