

Vegetation in the Indus river valley

Sentinel-3 OLCI FR acquired on 30 November 2016 from 05:27:50 to 05:30:50 UTC

Sentinel-3 OLCI FR acquired on 03 April 2017 from 05:12:54 to 05:15:54 UTC

Sentinel-3 OLCI FR acquired on 17 October 2017 from 05:05:26 to 05:08:26 UTC

Sentinel-1 CSAR IW acquired on 24 August 2019 from 01:07:58 to 01:09:13 UTC

Sentinel-1 CSAR IW acquired on 29 August 2019 from 01:16:25 to 01:17:40 UTC

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Keyword(s): Land, river, monsoon, irrigation, desert, Pakistan, India

[2D Layerstack](#)

Fig. 1 - S3 OLCI (03.04.2017) - 10,6,3 natural colour - Dry vegetation in the lower Indus river valley during the dry season.

[2D view](#)



Fig. 2 - S1 (24 & 29.08.2019) - vv,vh,vv colour composite - Plants close to river and channels are bolstered by the monsoon precipitations.

[2D view](#)

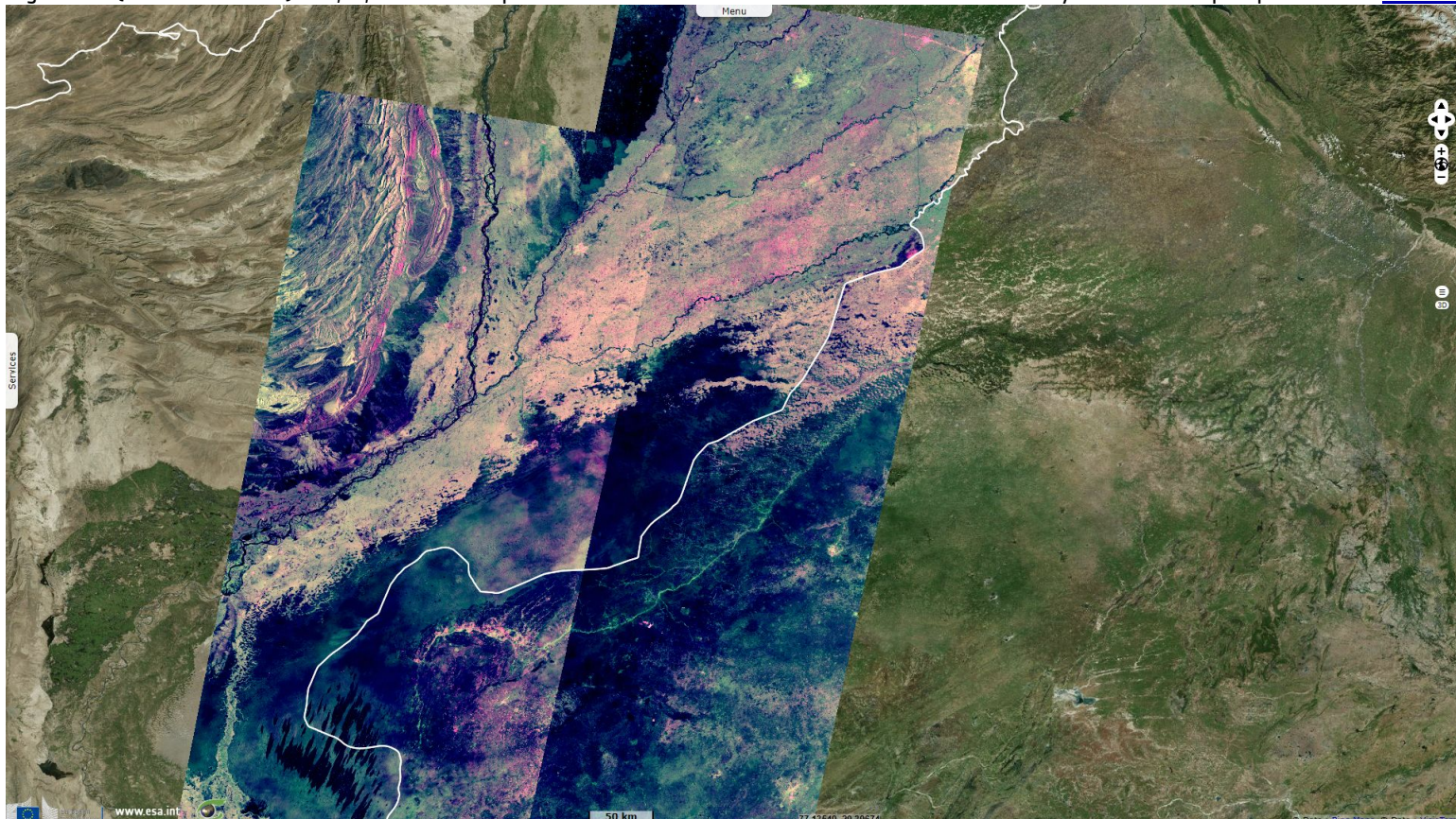


Fig. 3 - S3 OLCI (17.10.2017) - ndi(17,8) with colour map - Vegetation depends largely on the irrigation strategy as it shows at the border. [2D view](#)

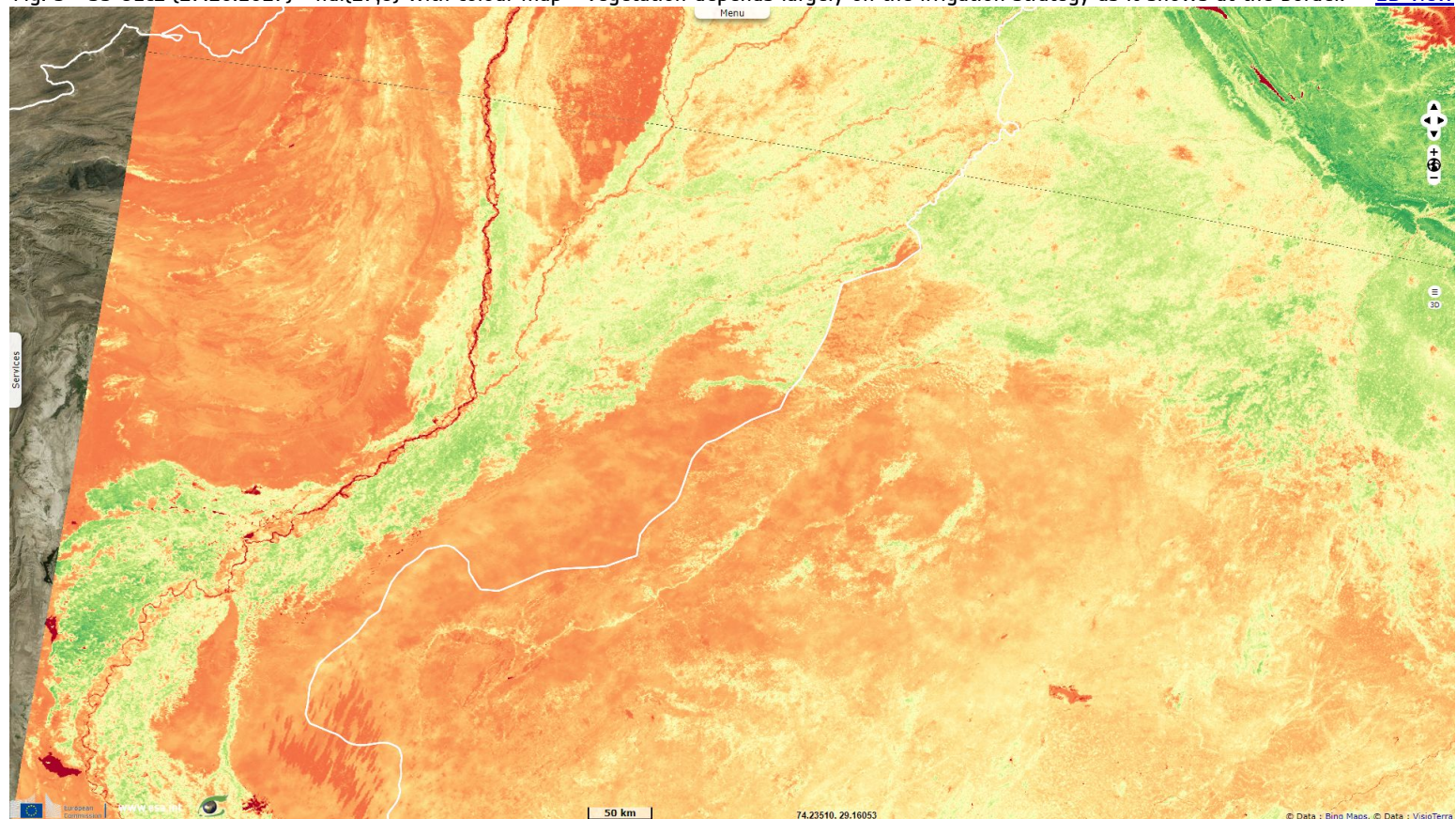
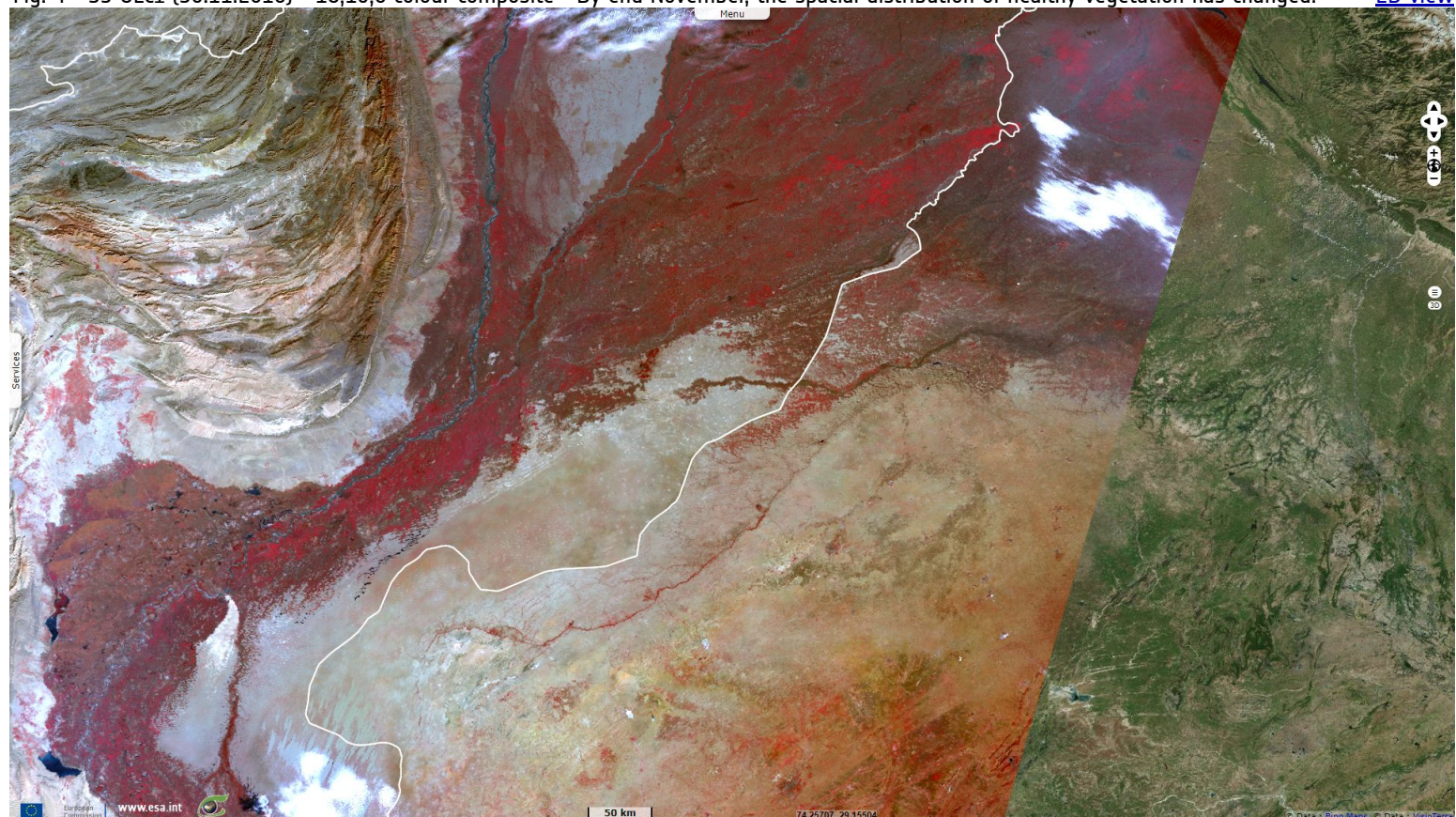


Fig. 4 - S3 OLCI (30.11.2016) - 18,10,6 colour composite - By end November, the spacial distribution of healthy vegetation has changed. [2D view](#)



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