

A drought threatens the Italian breadbasket

Sentinel-3 OLCI FR & SLSTR RBT acquired on 06 July 2017 at 09:35:28 UTC
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[2D Layerstack](#)

Fig. 1 - S3 OLCI (06.07.2017) - 2017 view. The Po valley faces its worst drought in 70 years with the Po's levels 80% lower than normal. [2D view](#)



The Po river flows for 652 km from west to east in northern Italy. The region that accounts for about 30% of the country's agricultural production.

Fig. 2 - S3 OLCI (03.07.2022) - 2022 view. At least 30% of this year's rice crop has already been lost. [2D view](#)

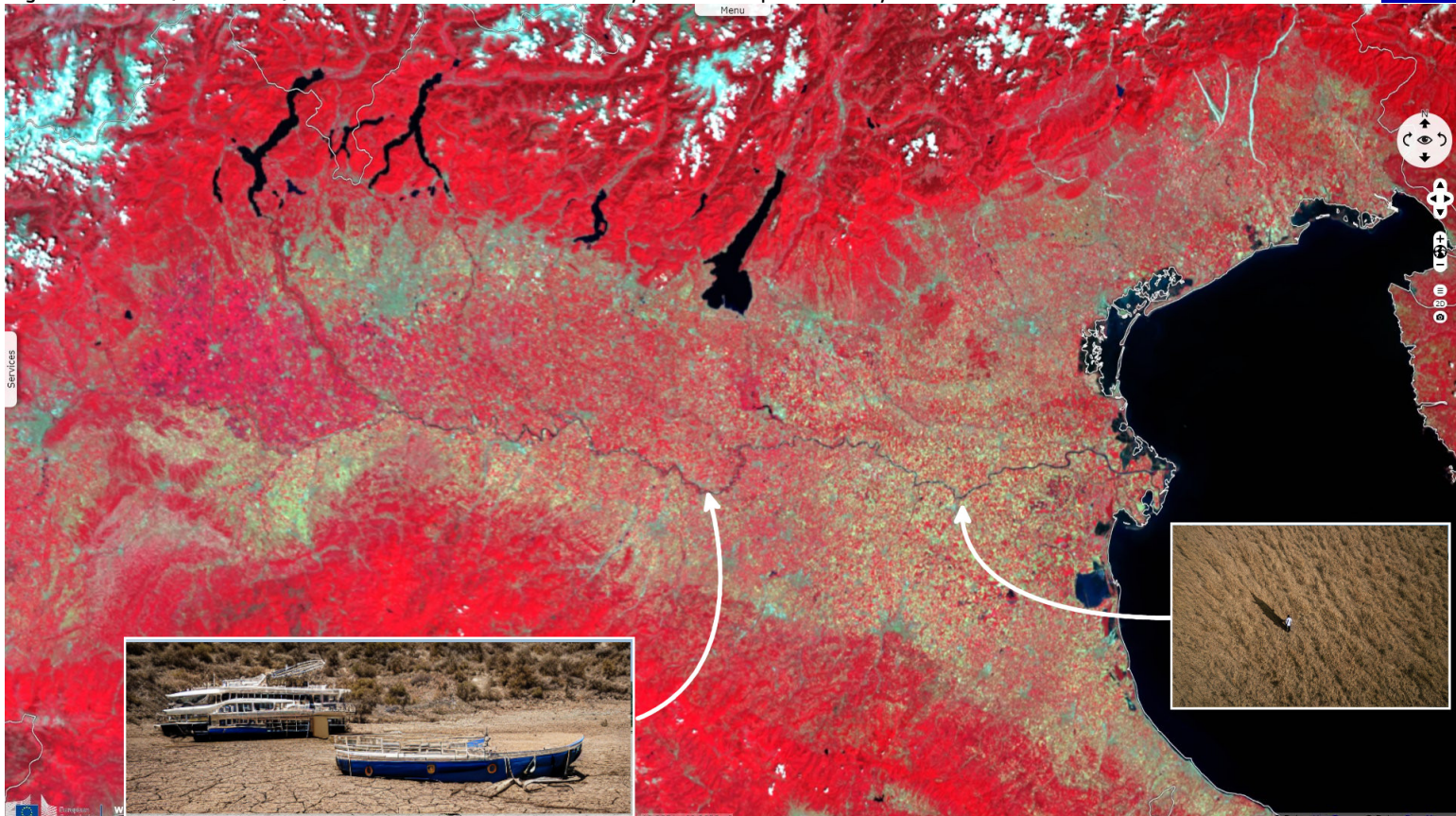
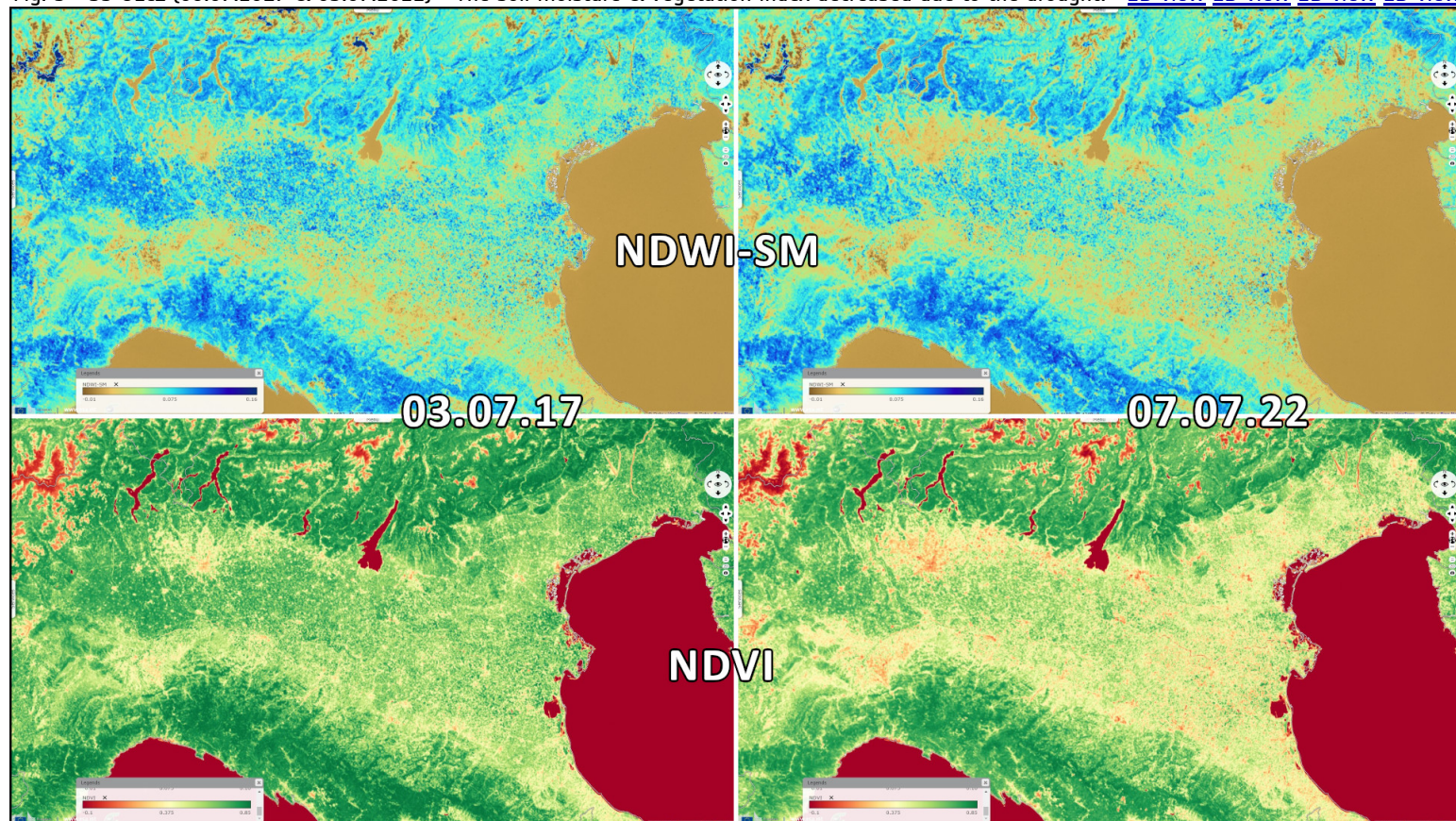


Fig. 3 - S3 OLCI [06.07.2017 & 03.07.2022] - The soil moisture & vegetation index decreased due to the drought. [2D view](#) [2D view](#) [2D view](#) [2D view](#)



Now the region's irrigation sources are being threatened by the salty Adriatic sea, which has entered a record 30.6 km into the Po river.

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