

# Ganges & Indus cities enjoy the Himalayan landscape

Sentinel-5P TROPOMI N02 acquired from 29 December 2018 at 06:58:44 to 03 January 2019 at 08:48:44 UTC

Sentinel-3 OLCI FR acquired from 02 April 2020 at 05:24:21 to 06 April 2020 at 04:44:02 UTC

Sentinel-5P TROPOMI N02 acquired from 27 April 2020 at 08:49:42 to 26 May 2020 at 08:03:12 UTC

Sentinel-3 OLCI FR acquired from 24 May 2020 to 04:35:48 to 26 May 2020 at 05:27:25 UTC

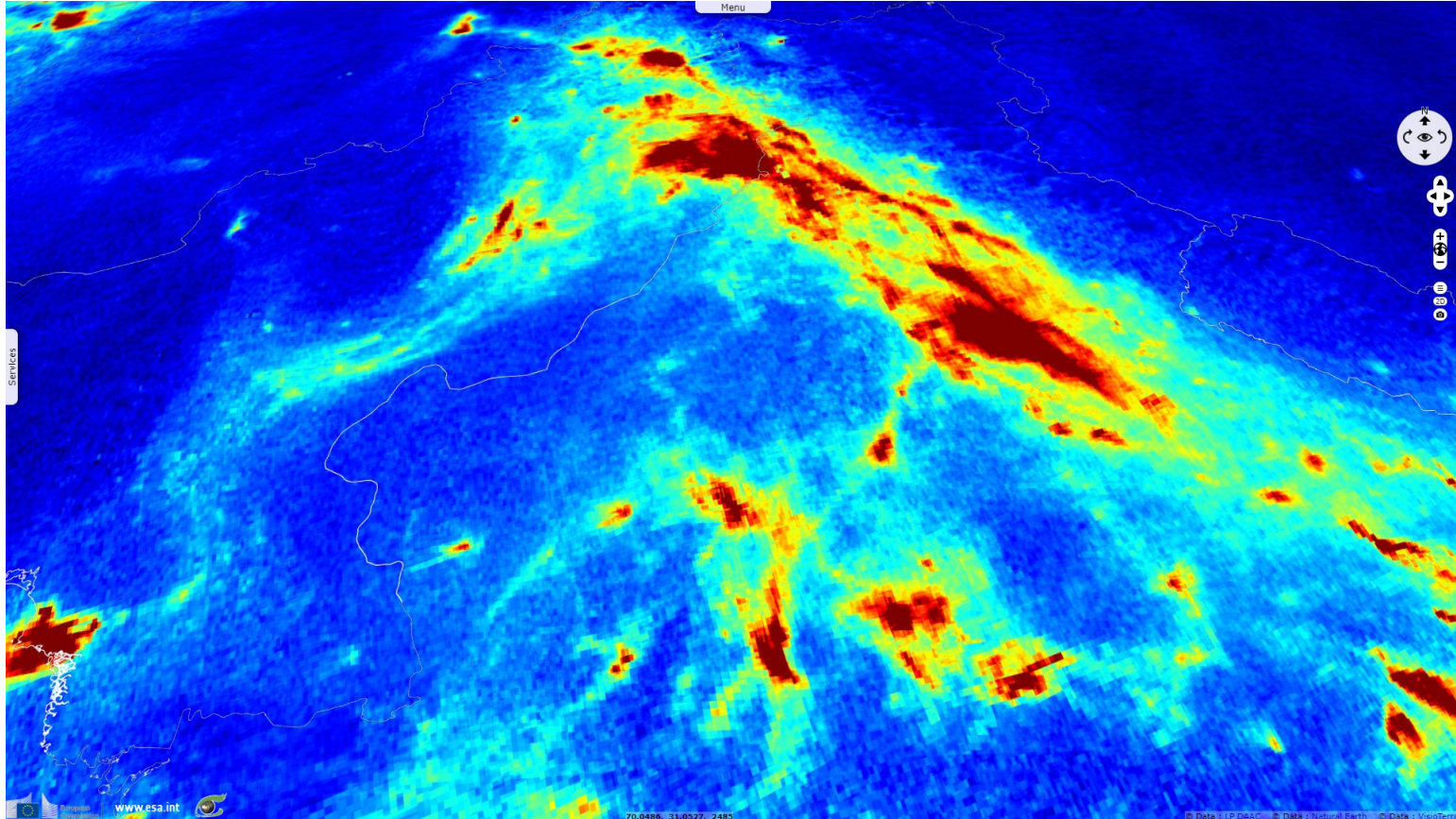
Author(s): Sentinel Vision team, VisioTerra, France - [svp@visioterra.fr](mailto:svp@visioterra.fr)

Keyword(s): Air quality, health, pollution, wind, Pakistan, Afghanistan, India, Himalaya range.



[2D Layerstack](#)

Fig. 1 - S5P TROPOMI (29.12.2018-03.01.2019) - NO2 column - The Indus-Ganges plains often record some of the worst air pollution levels. [2D view](#)



Due to a combination of high population density, topography and low wind speed, air pollution is trapped in a corner by the Himalaya range.

Fig. 2 - S5P TROPOMI (27.04.2020-26.05.2020) - Due to a long lockdown, the pollution has largely decreased in these lands. [2D view](#)

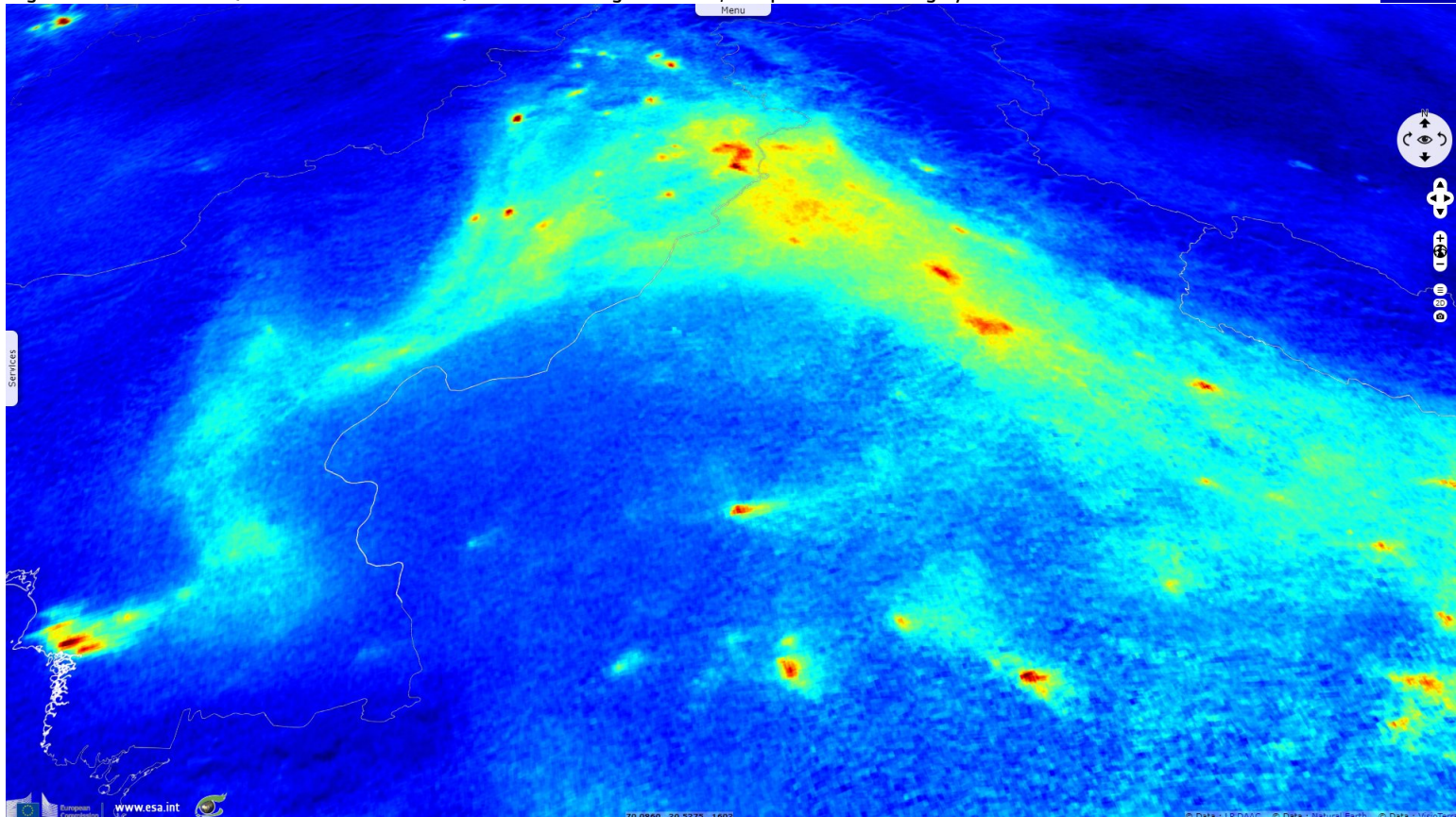
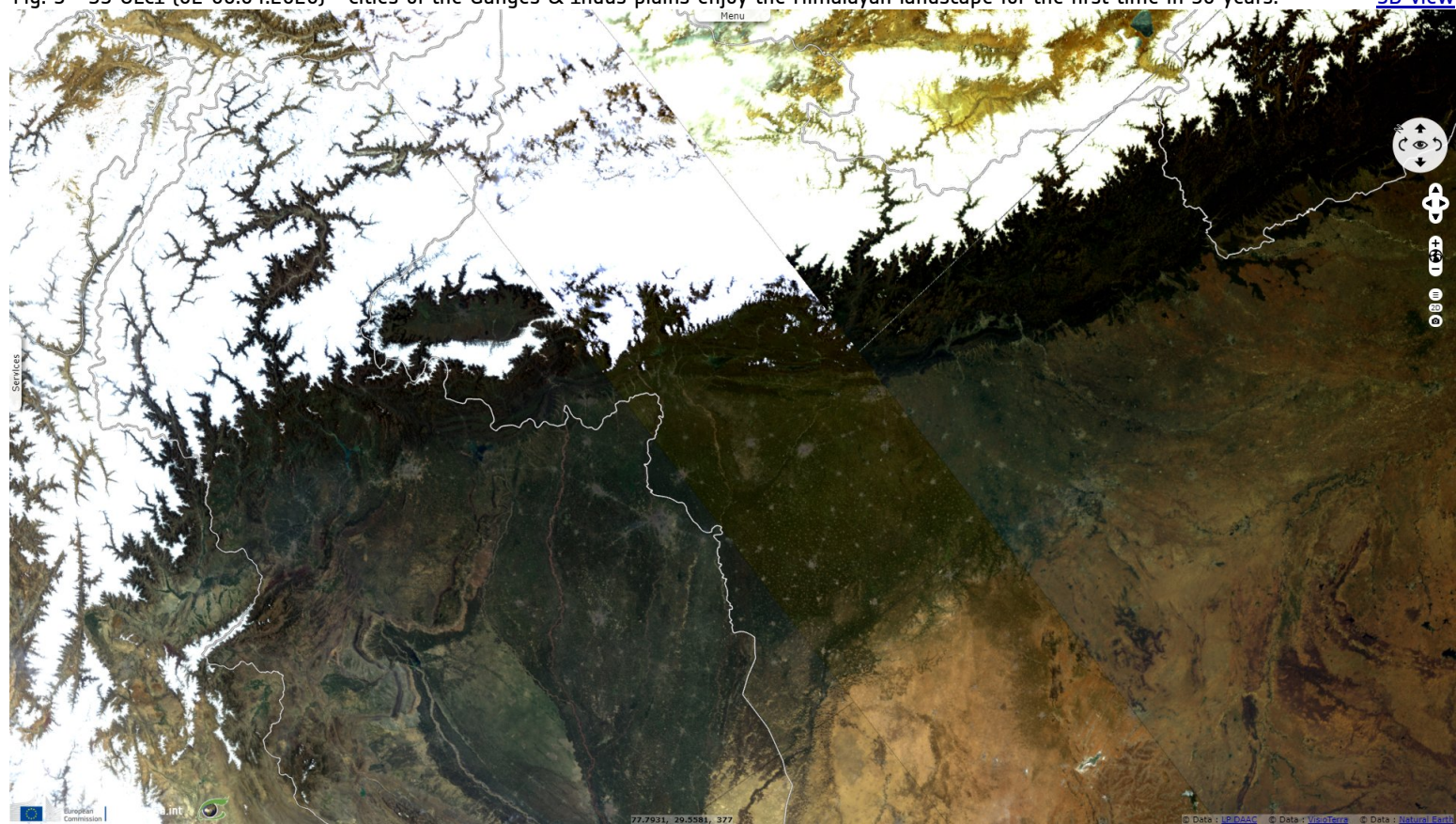




Fig. 3 - S3 OLCI (02-06.04.2020) - Cities of the Ganges & Indus plains enjoy the Himalayan landscape for the first time in 30 years.

[3D view](#)















200km away from Dhauladhar mountain range in Jalandhar, Punjab, inhabitants gathered on rooftops to enjoy the view, a first time for most, several [shared](#) photos on social networks - [Source](#).



Fig. 4 - S3 OLCI (24-26.05.2020) - Karachi, Lahore, Delhi, Lucknow, Calcutta, Dacca... are located in these chevron-shaped fertile plains. [3D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.  
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