

The Himalayas

Sentinel-3 OLCI FR acquired on **21 October 2016** at 04:27:15 UTC
Sentinel-3 OLCI FR acquired on **22 October 2016** at 04:01:04 UTC
Sentinel-3 OLCI FR acquired on **14 December 2016** at 04:27:15 UTC
Sentinel-2 MSI acquired on **19 April 2017** at 04:15:51 UTC

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

Keyword(s): land, hydrology, river, mountains, Tibet, China, India, Nepal, Himalaya

[3D Layerstack](#)

Fig. 1 - OLCI (21.10.2016) - 8,6,3 natural colour - Snow-capped Himalayas with Nepal, the Tibetan Plateau to the north & India to the south. [3D view](#)

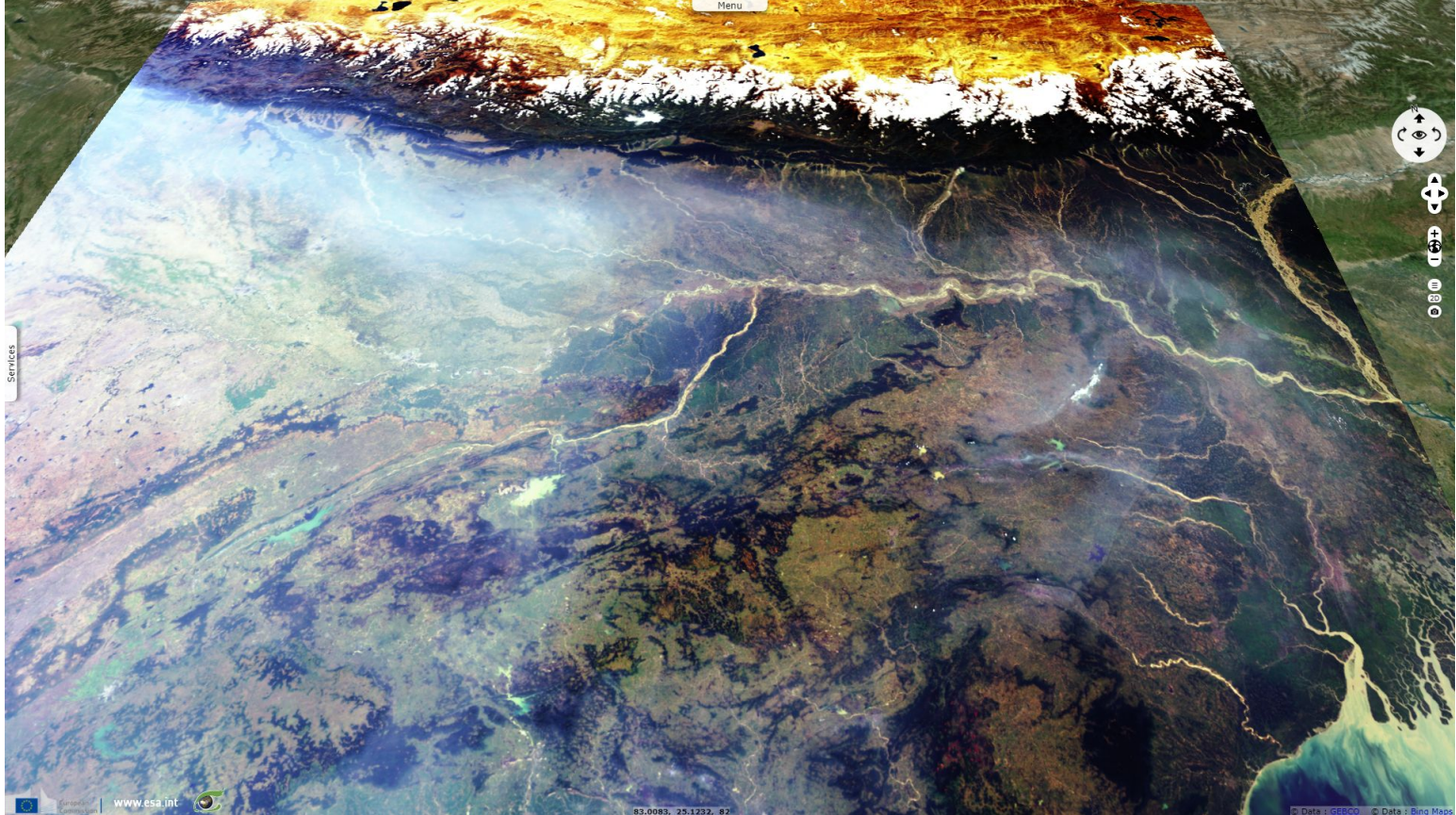
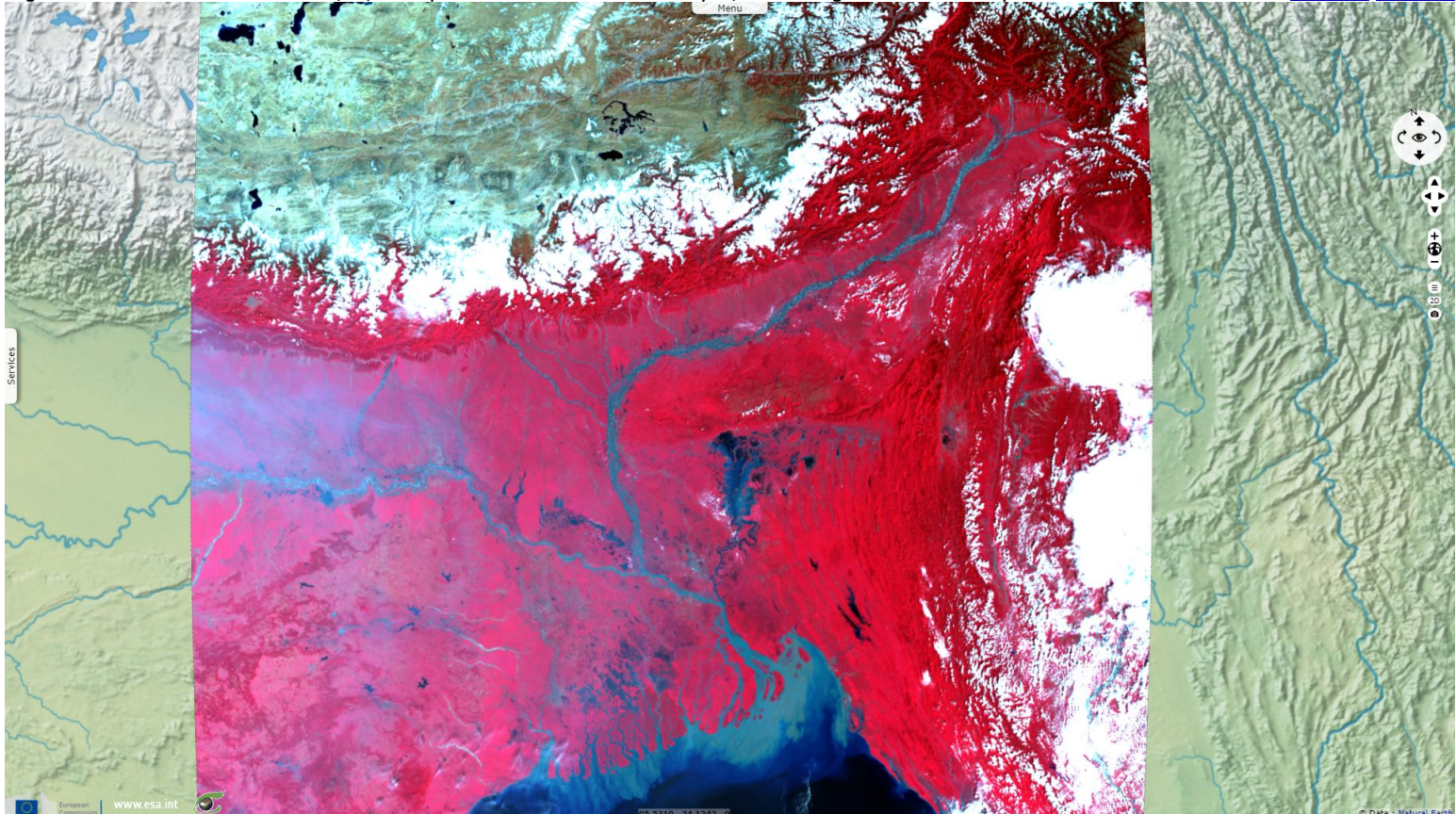


Fig. 2 - S3 OLCI (22.10.2016) - 18,10,6 composite - North of the Himalayas, scarce vegetation in the dry and barren Tibetan Plateau. [2D view](#) [3D view](#)



Orographic precipitations form numerous large rivers that converge into the Ganges-Brahmaputra Delta, surrounded by forests & croplands (red).

Fig. 3 - OLCI (14.12.2016) - 8,6,3 natural colour - Low clouds and haze to blanket northern India, just south of the Himalayas. [2D view](#) [3D view](#)

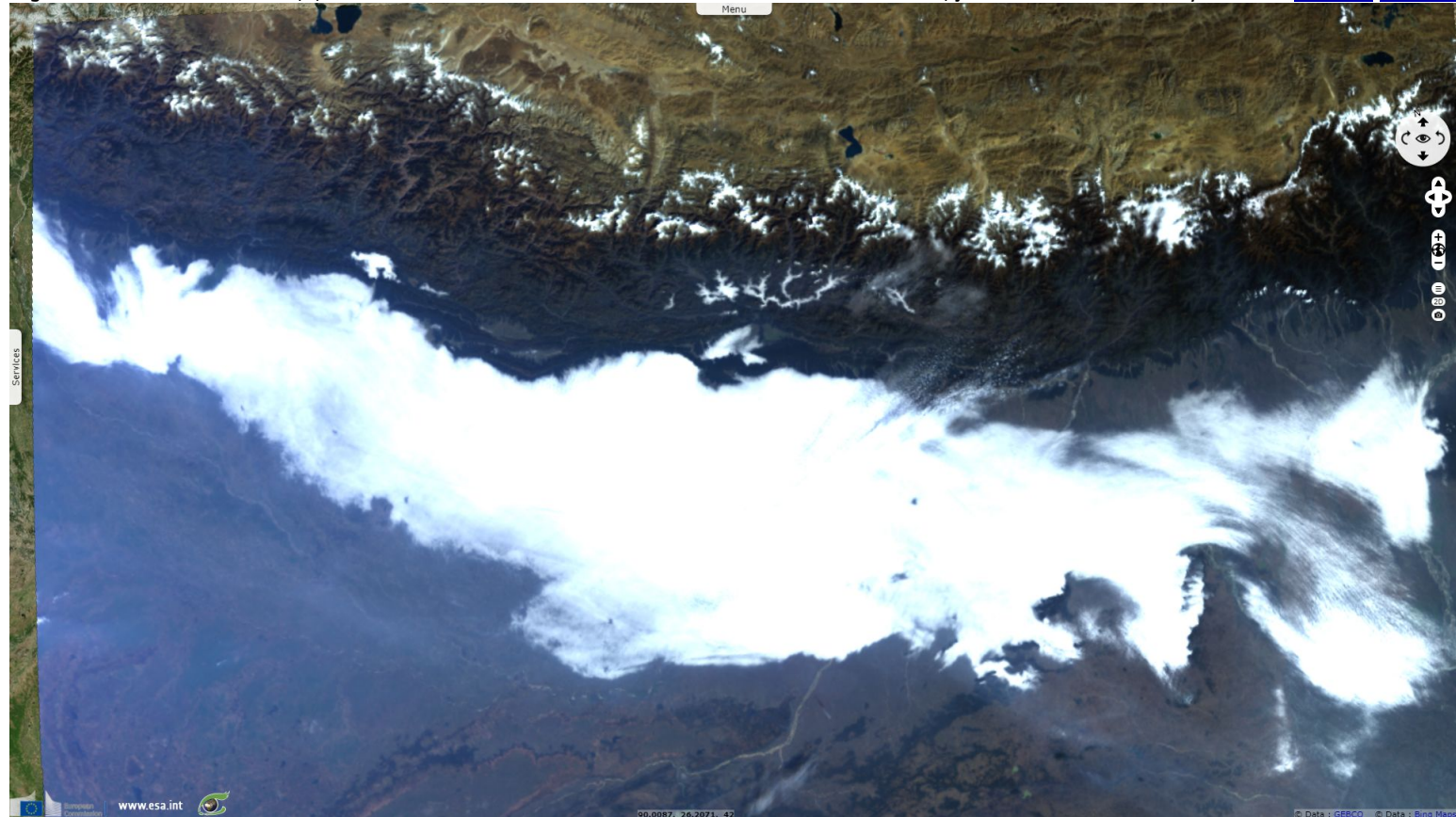
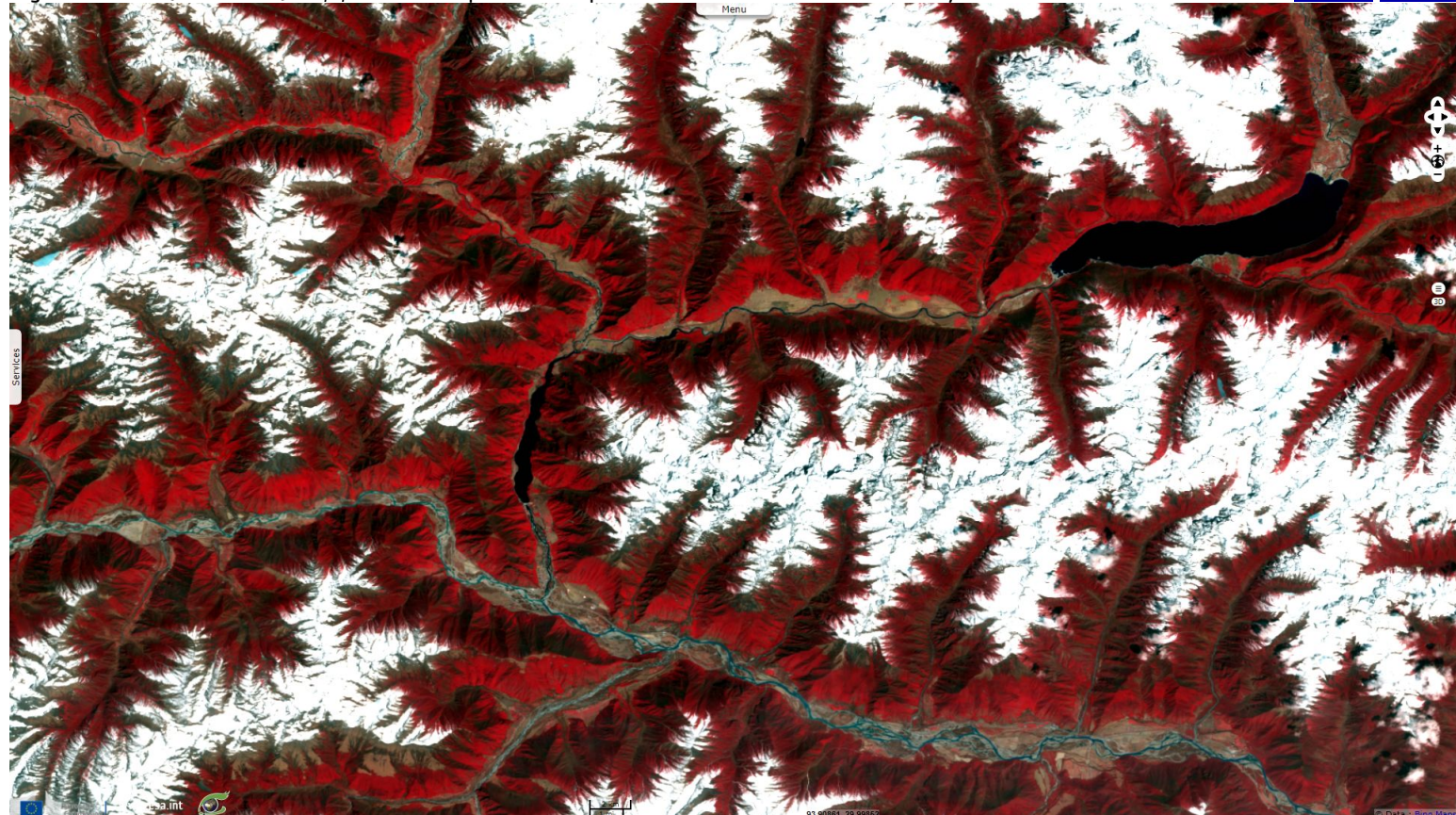


Fig. 4 - S2 MSI (19.04.2017) - 8,4,3 colour composite - Complex river network east of the Himalayas. [3D view](#) [2D view](#)



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

More on European Commission space:						
More on ESA:				S-1 website	S-2 website	S-3 website
More on Copernicus program:				SciHub portal	Cophub portal	Inthub portal Colhub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal CryoSat portal Proba-V portal