

# Peru declares national emergency following 6000 barrels oil spill

Sentinel-2 MSI acquired on 18 January 2022 at 15:26:41 UTC  
Sentinel-3 OLCI FR acquired on 19 January 2022 at 15:08:46 UTC

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

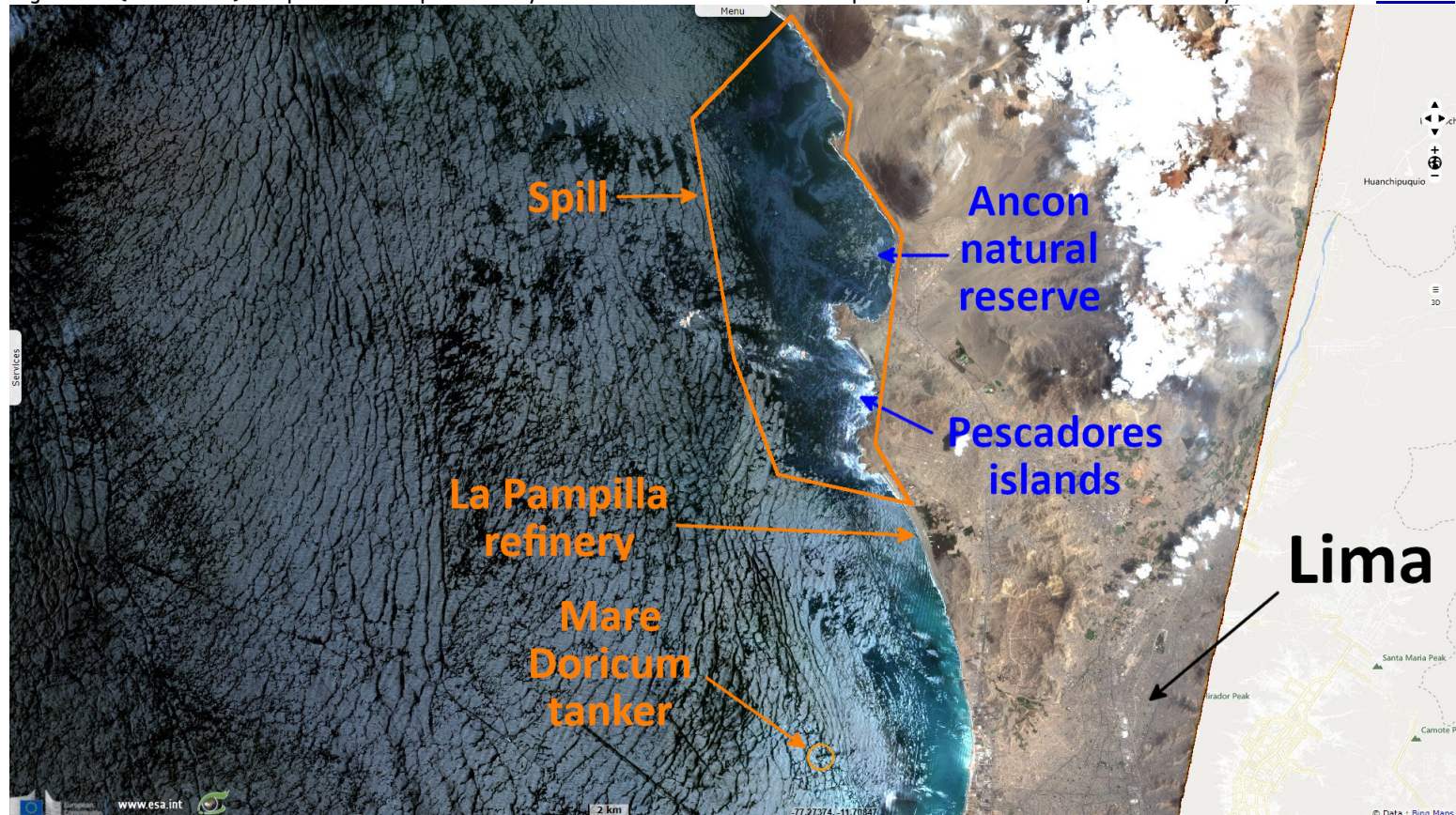
Keyword(s): Marine environment, pollution, water colour, water quality, oil spill, oil and gas, natural reserve, biodiversity, Peru, Pacific Ocean



[2D Layerstack](#)

Fig. 1 - S2 [18.01.2022] - Repsol's La Pampilla refinery in Peru caused a ~6000-barrel spill off the coast of Lima, on 15 January 2022.

[2D view](#)

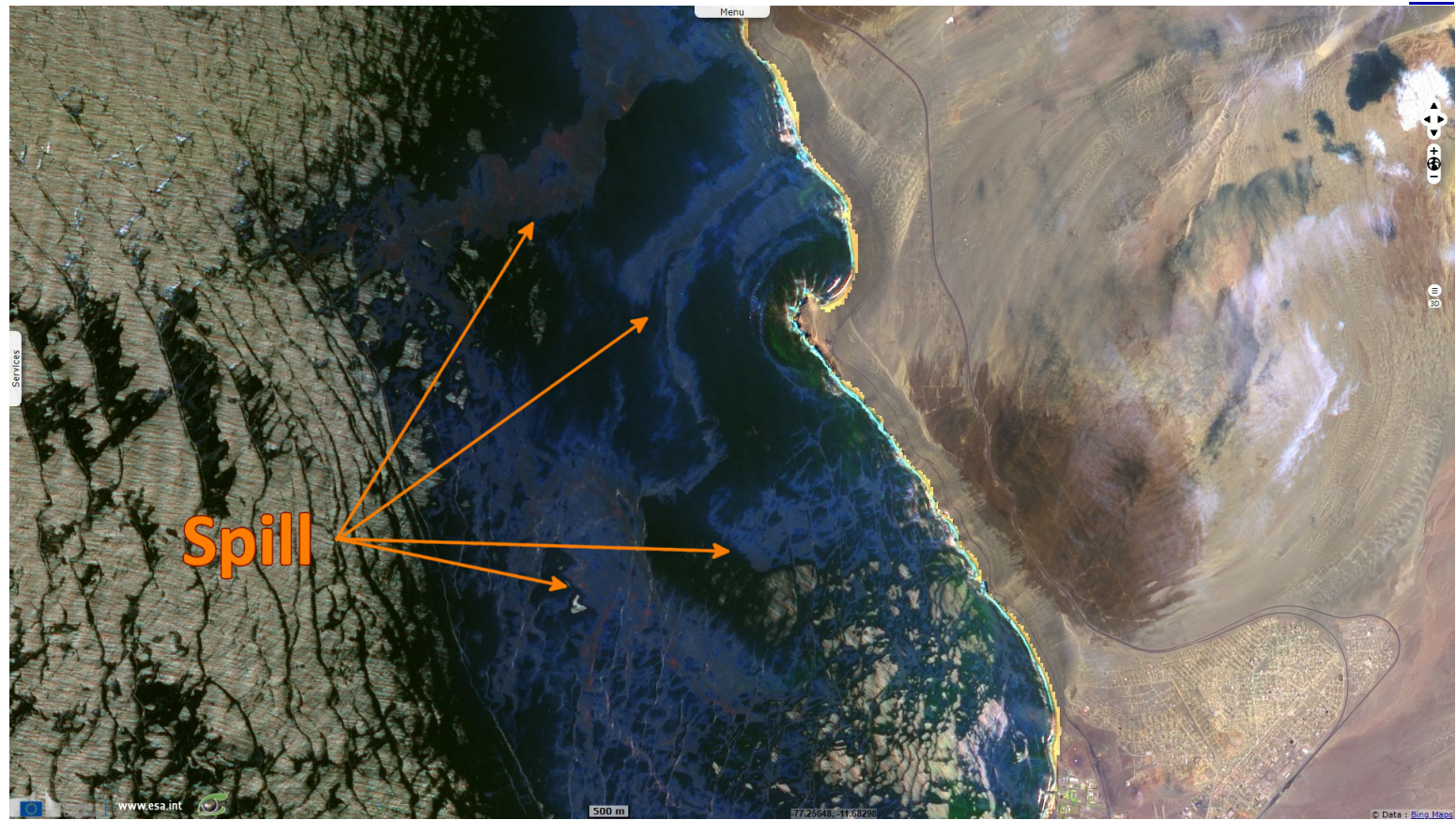


Over 18000 km<sup>2</sup> have been affected, including Pescadores islands and Ancón Reserved Zone, home to hundreds of endemic marine species including soles, shellfish, penguins or sea lions.



Fig. 2 - S2 (18.01.2022) - The spill has been called by the Peruvian Foreign Ministry "the worst ecological disaster that has happened in Lima".

[2D view](#)



Using SWIR bands, the oil takes brown colours where it is thicker. It's been said two years will be required to clean up.

Fig. 3 - S2 (18.01.2022) - Repsol has claimed the accident was due to the absence of warnings of the incoming Tonga tsunami by the Peruvian authorities.

[2D view](#)

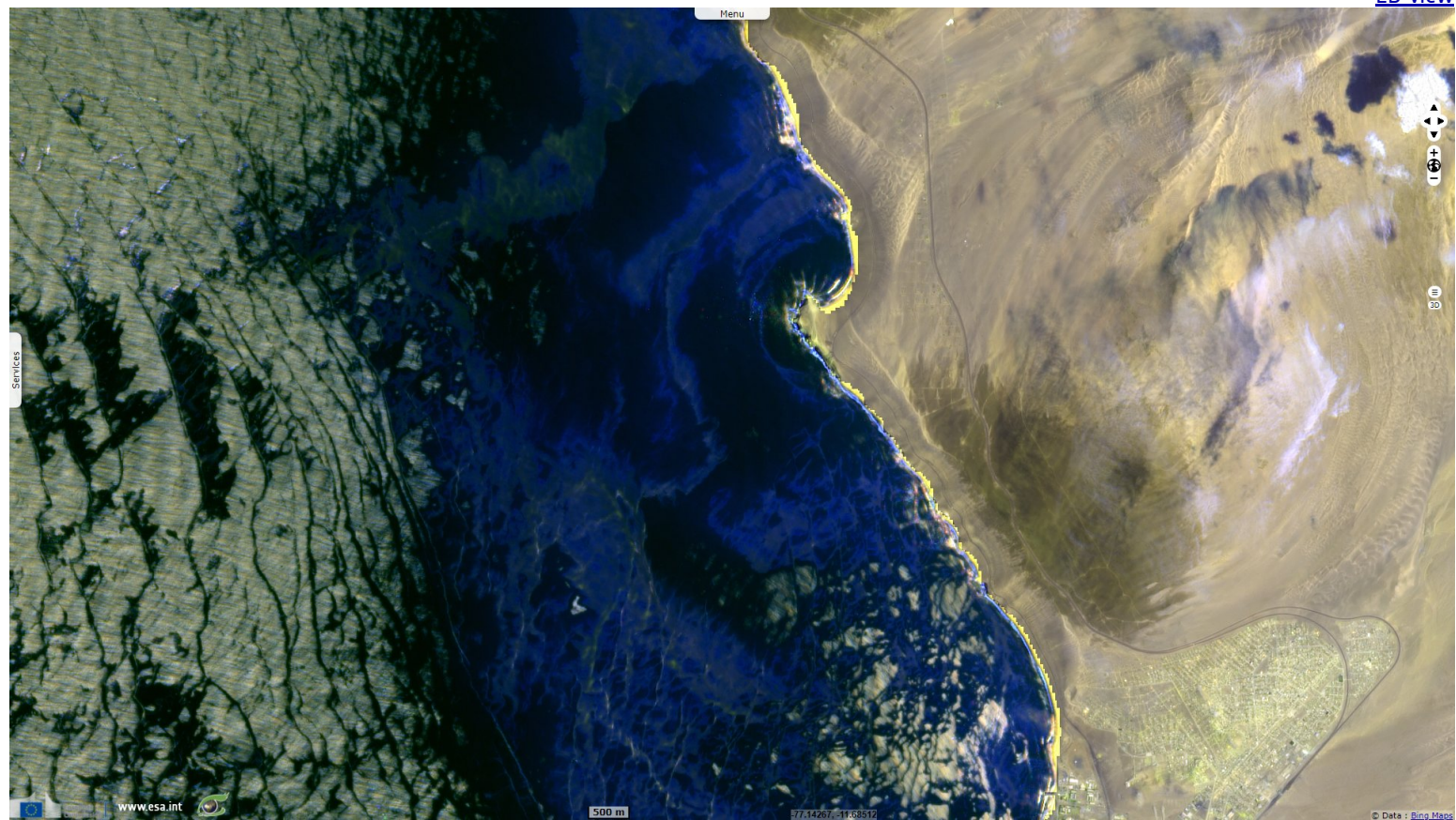
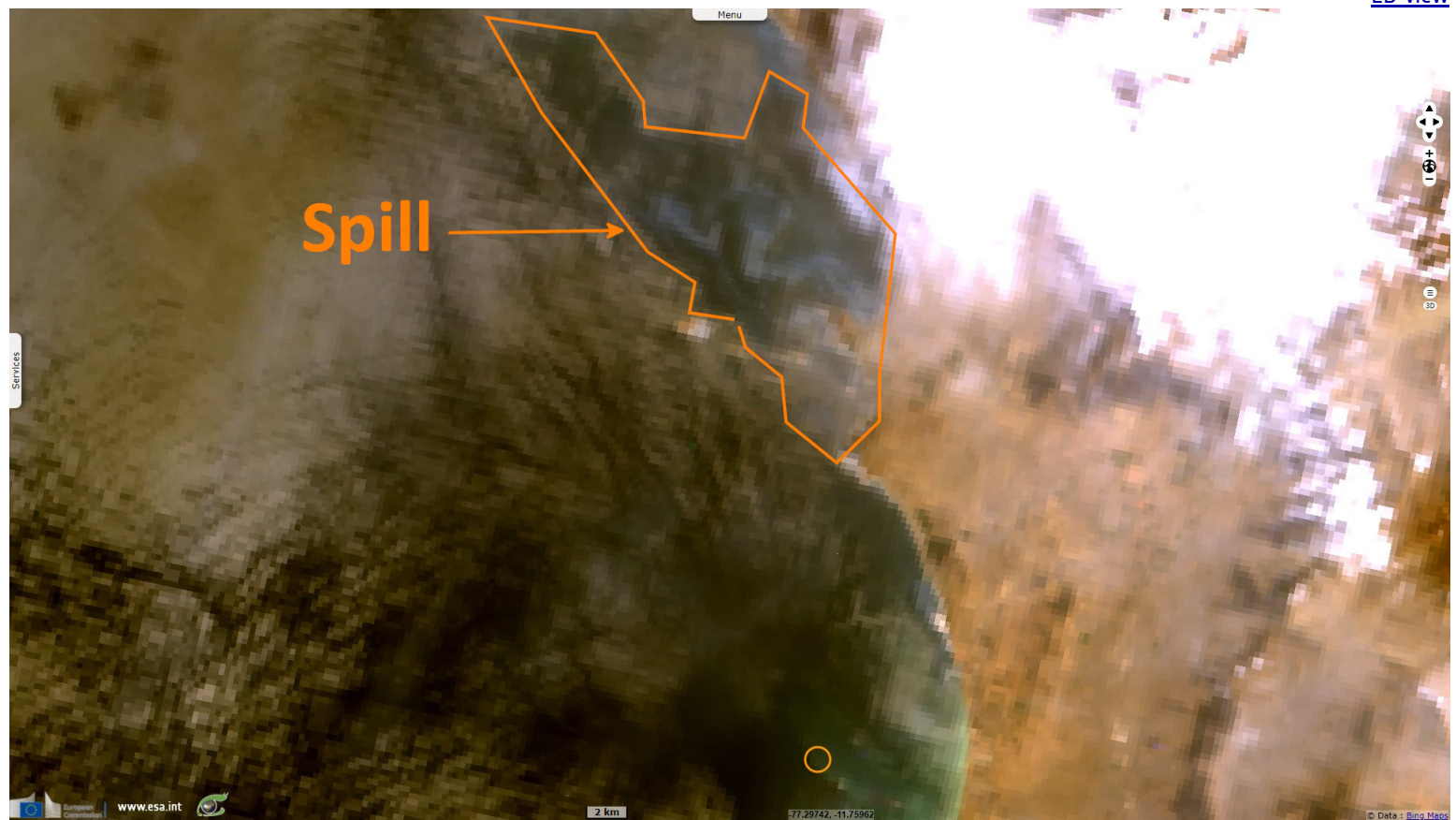
















Fig. 4 - S3 OLCI (19.01.2022) - Waves between 1 and 2 meters high reached the Pacific coast in Japan, Alaska, Chile, killing two Peruvian 1000 km NW of Lima.



The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.  
Contains modified Copernicus Sentinel data 2022, processed by VisioTerra.

More on European Commission space:							
More on ESA:				<a href="#">S-1 website</a>	<a href="#">S-2 website</a>	<a href="#">S-3 website</a>	
More on Copernicus program:				<a href="#">SciHub portal</a>	<a href="#">Cophub portal</a>	<a href="#">Inthub portal</a>	<a href="#">Colhub portal</a>
More on VisioTerra:				<a href="#">Sentinel Vision Portal</a>	<a href="#">Envisat+ERS portal</a>	<a href="#">Swarm+GOCE portal</a>	<a href="#">CryoSat portal</a>