

Lake Sevan, Armenia

Sentinel-1 CSAR IW acquired on 17 July 2020 at 14:53:43 UTC

Sentinel-1 CSAR IW acquired on 17 July 2020 at 14:54:08 UTC

Sentinel-2 MSI acquired on 20 July 2020 at 07:46:19 UTC

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

Keyword(s): Lake, pollution, algal bloom, Caucasus, Armenia

[3D Layerstack](#)

Fig. 1 - S1 (17.07.2020) - Lake Sevan is located in the Lesser Caucasus mountains, near the border with Azerbaijan.

[2D view](#)

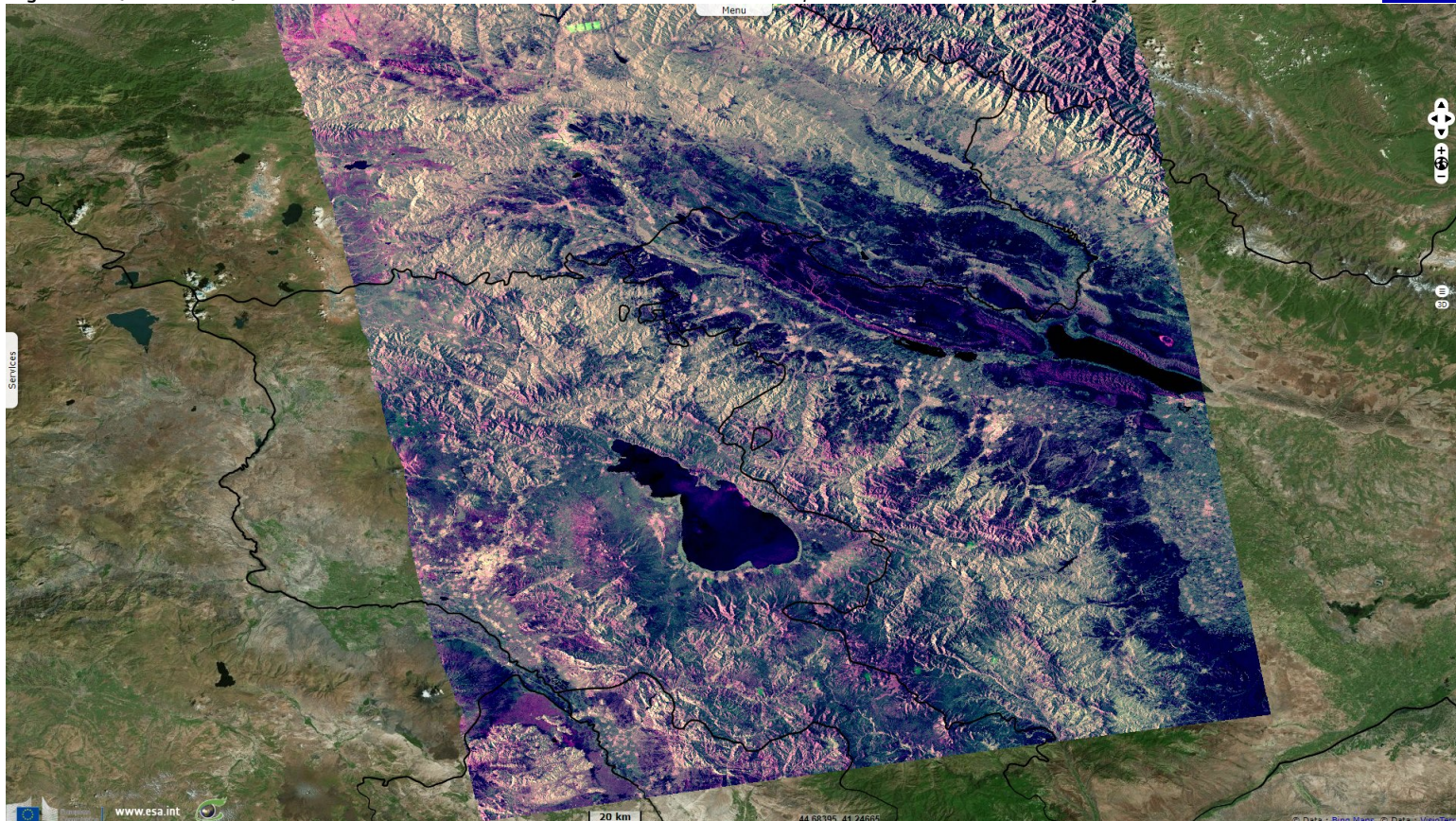


Fig. 2 - S2 (20.07.2020) - It is located 1900m high, with 1240km² it is the largest lake in Armenia.

[2D view](#) [3D view](#)

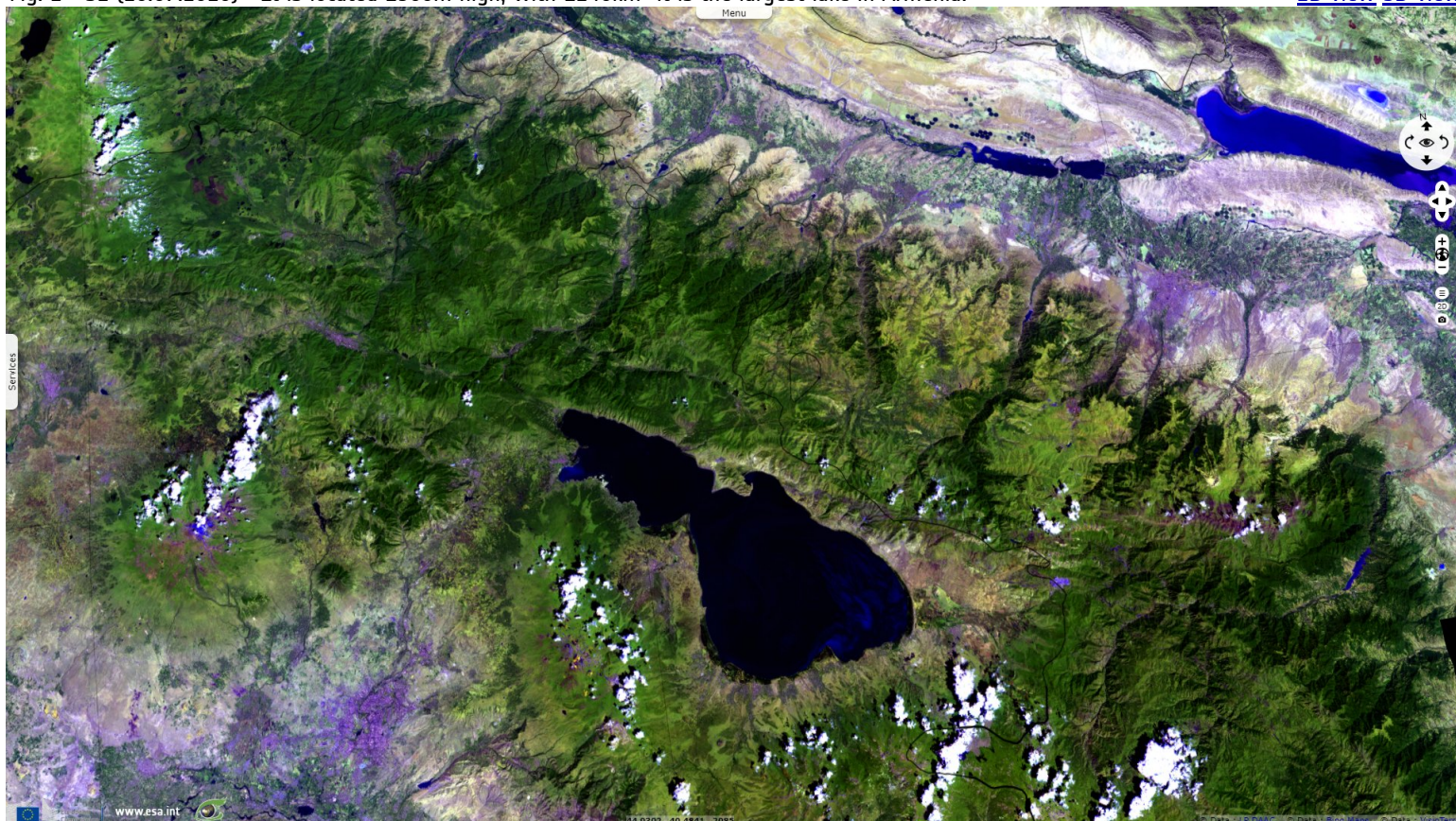


Fig. 3 - S2 (20.07.2020) - The lake is subject to heavy metal pollutions.

[3D view](#)

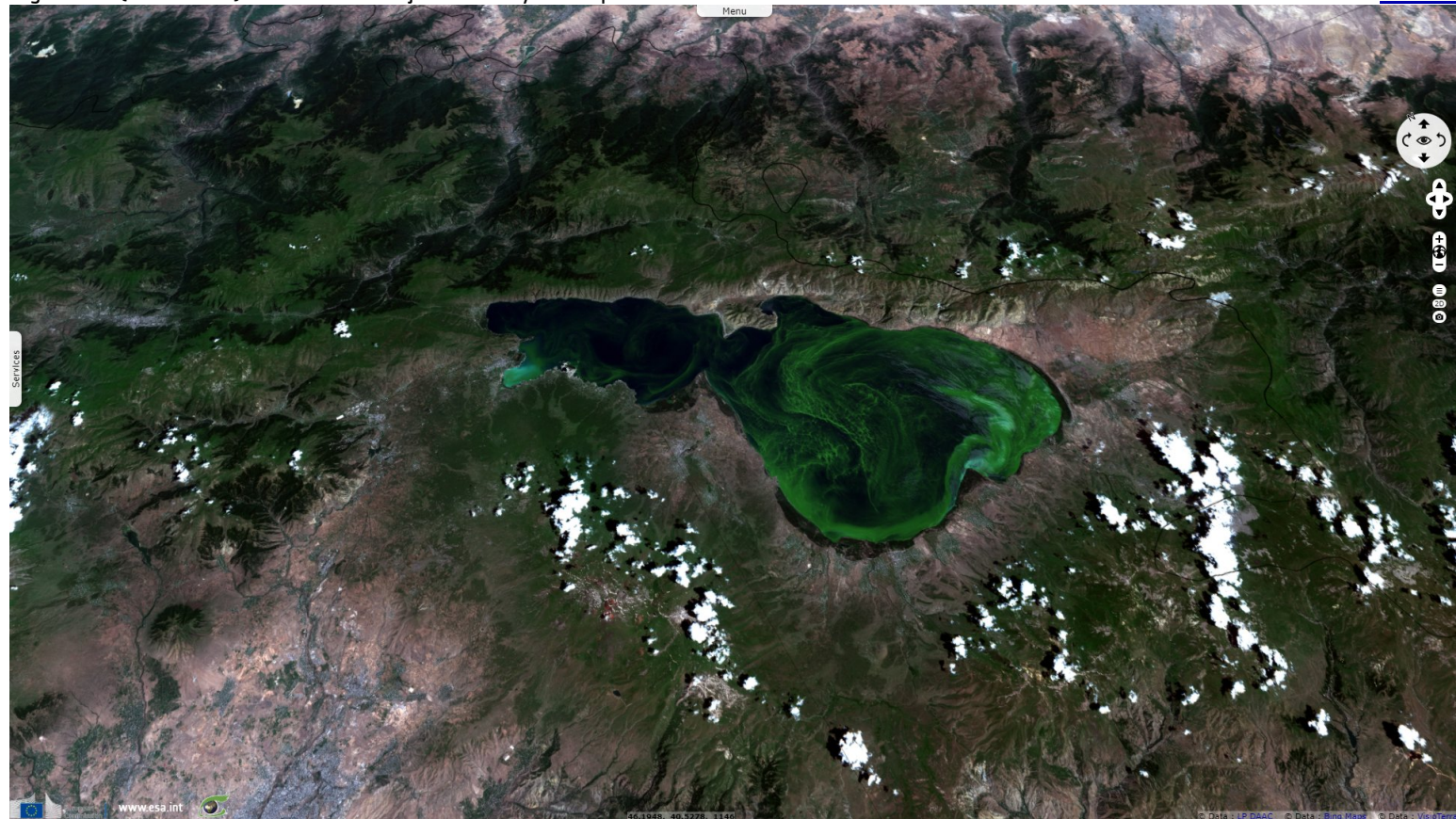
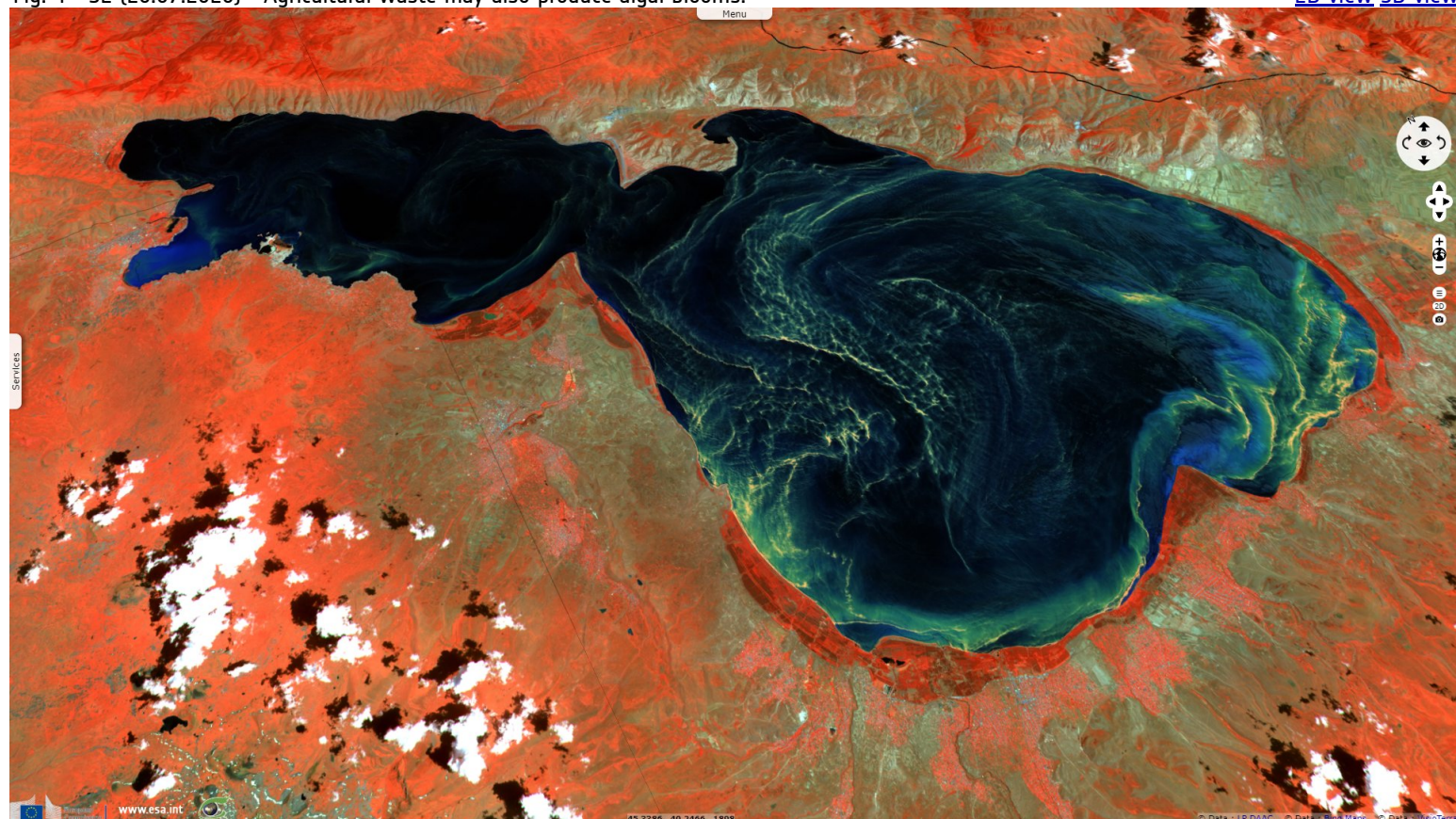


Fig. 4 - S2 (20.07.2020) - Agricultural waste may also produce algal blooms.

[2D view](#) [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.
Contains modified Copernicus Sentinel data 2020, processed by VisioTerra.*

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
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal
					CryoSat portal	