Sentinel Vision
SED-930
01 September 2021

2D Layerstack

Filled dams release excess water in Volta Valley, Ghana

Sentinel-1 CSAR IW acquired on **04 June 2021** from 18:19:04 to 18:19:54 UTC
Sentinel-2 MSI acquired on **05 June 2021** at 10:20:21 UTC
Sentinel-2 MSI acquired on **24 August 2021** at 10:20:31 UTC
...
Sentinel-1 CSAR IW acquired on **28 August 2021** from 18:10:16 to 18:10:41 UTC

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

Keyword(s): Infrastructure, reservoir dam, hydrology, season, precipitations, Burkina Faso, Ghana

Fig. 1 - S2 (05.06.2021 & 24.08.2021) - Levels of Bagre dam in Burkina Faso are high after heavy rainfall since late July 2021. 2D animation

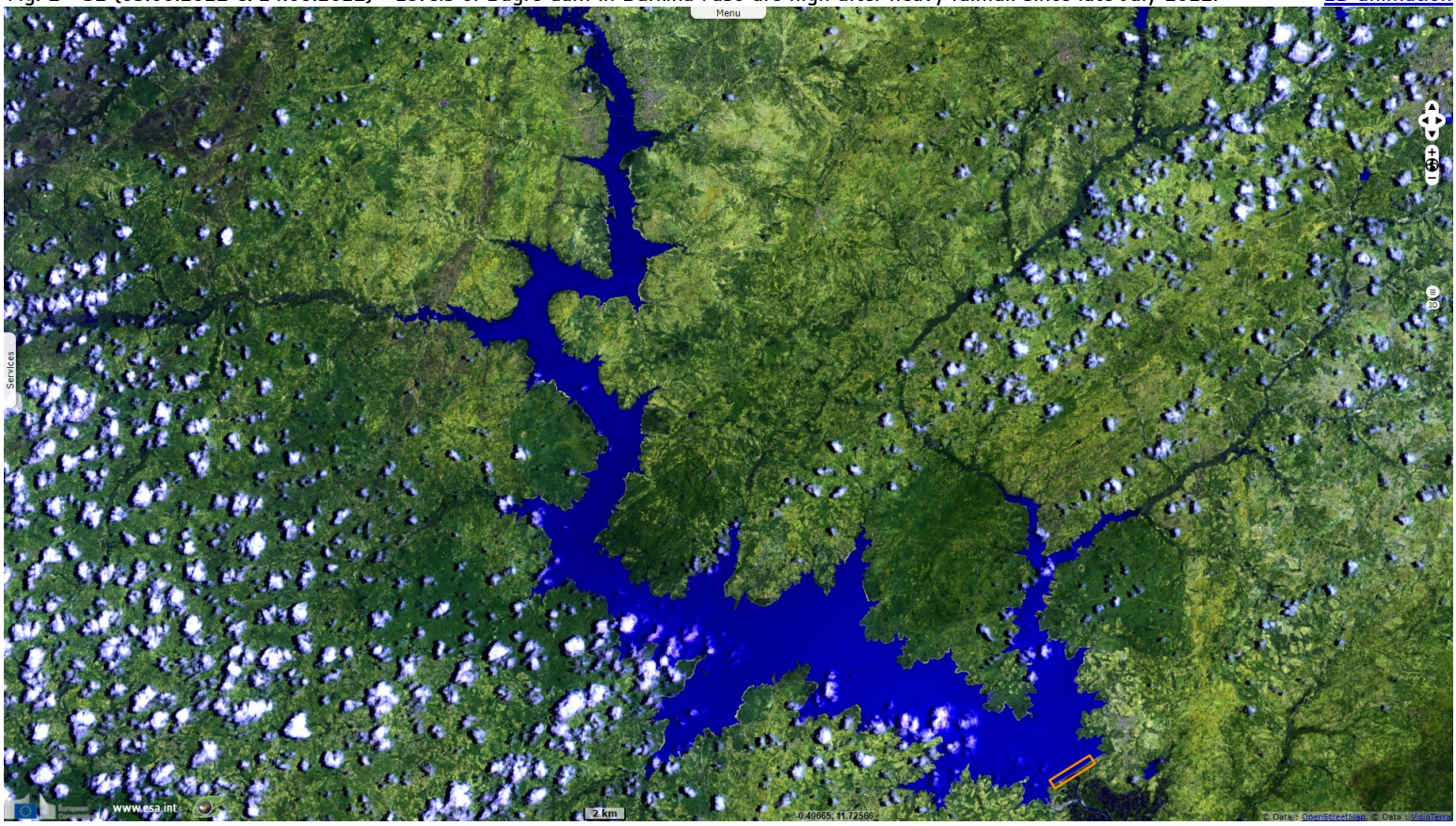
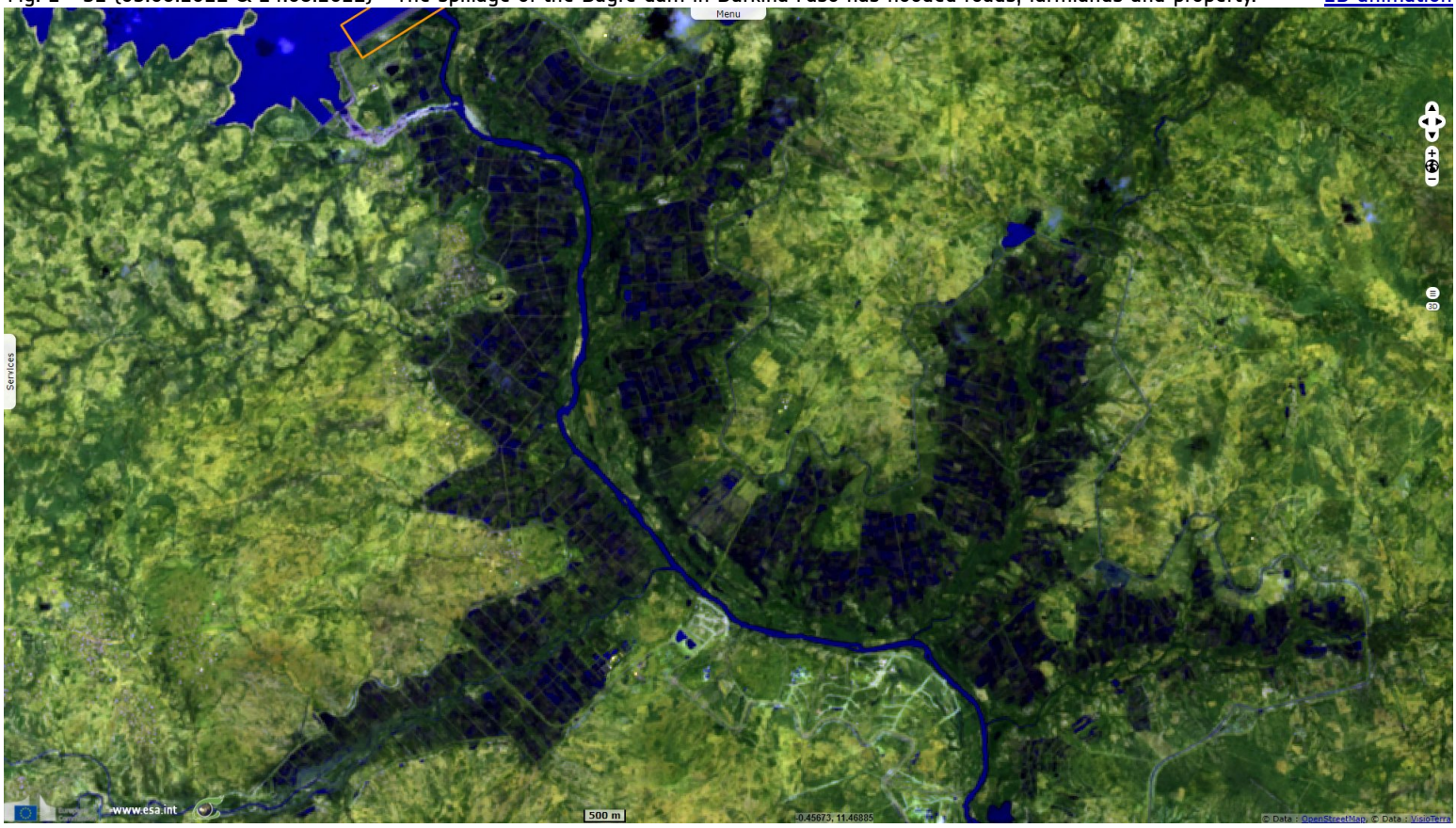


Fig. 2 - S2 (05.06.2021 & 24.08.2021) - The spillage of the Bagre dam in Burkina Faso has flooded roads, farmlands and property. 2D animation



As of 29 August the dam levels stood at 234.32m, where maximum is 235m.

Fig. 3 - S1 (04 & 11.06; 22, 27 & 28.08.2021) - At least 5 died in the flooding as farmers along the White Volta raced against time to harvest their crops.

3D animation

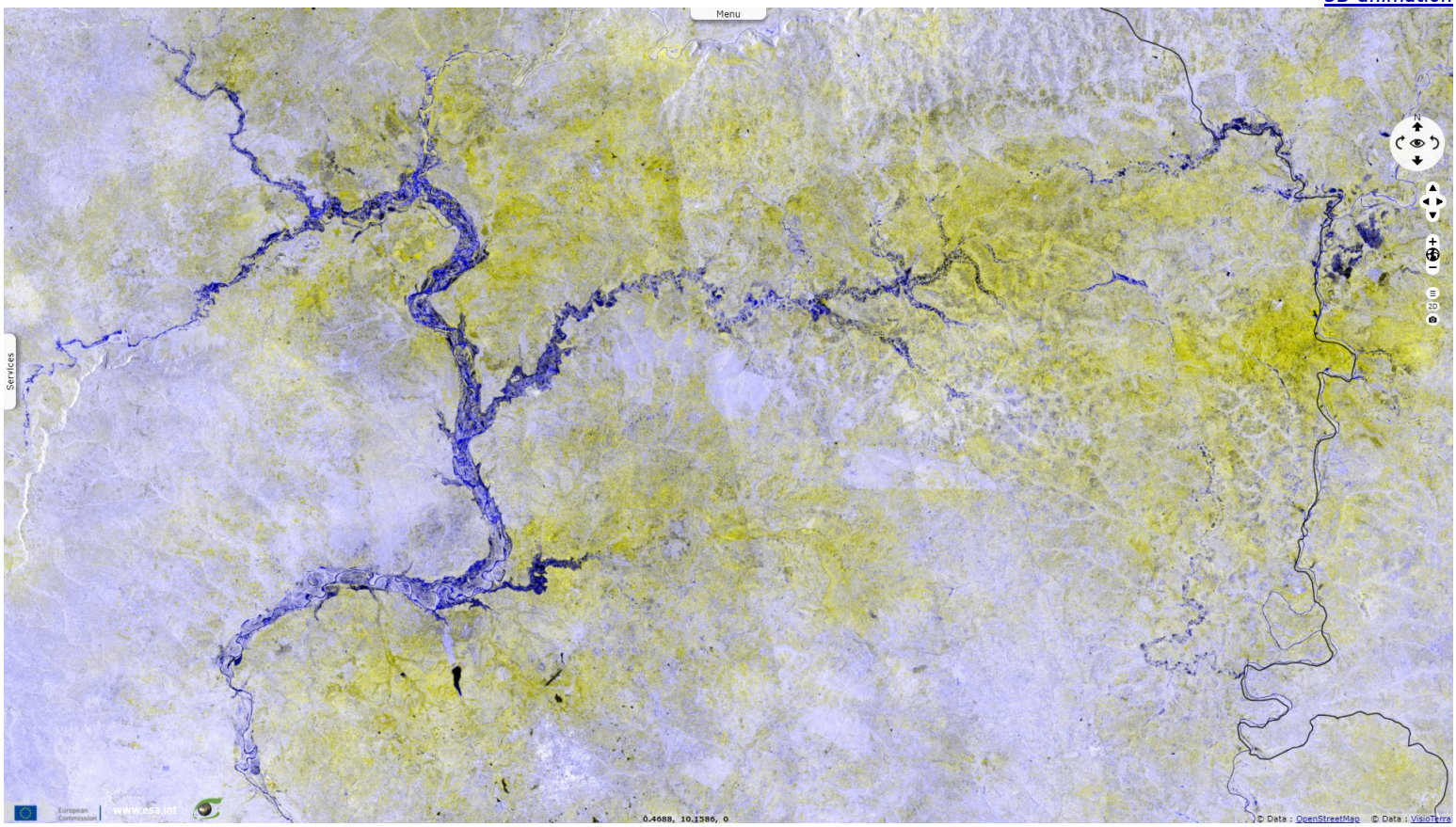
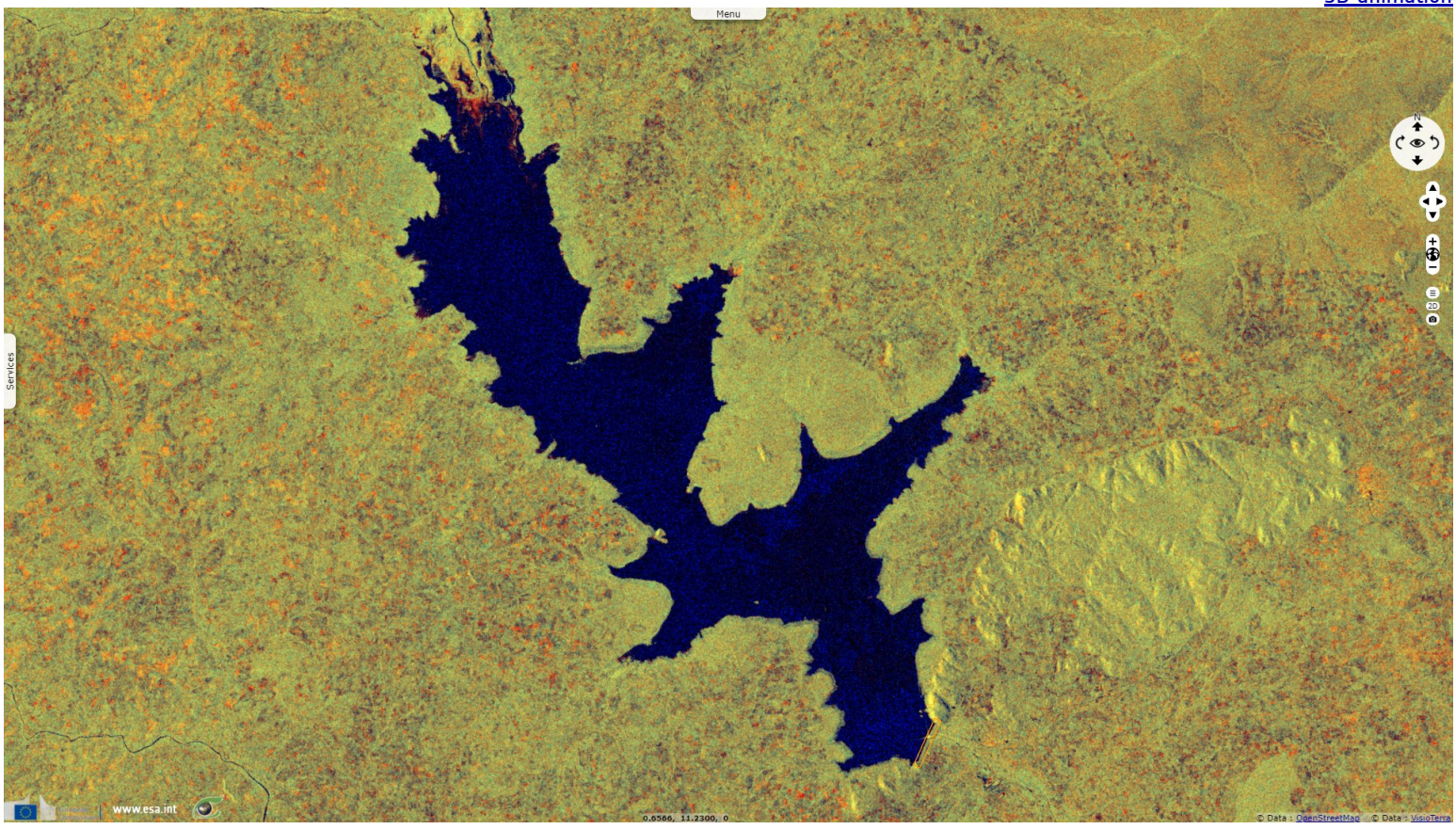


Fig. 4 - S1 (04 & 11.06.2021; 22, 27 & 28.08.2021) - Kompienga dam, Burkina Faso, also reached its upper level, forcing the spillage of excess water.

3D animation



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 2021, 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	Colhub portal		
More on VisioTerra:	Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal	CryoSat portal		

Funded by the EU and ESA SED-930-SentinelVision powered by VisioTerra