

Cyclone Cheneso hits north-west Madagascar

Sentinel-1 CSAR IW acquired on 15 January 2023 from 02:26:27 to 02:27:21 UTC
Sentinel-3 SLSTR RBT acquired on 19 January 2023 from 19:10:50 to 19:13:50 UTC

...

Sentinel-1 CSAR IW acquired on 28 January 2023 from 15:19:14 to 15:20:04 UTC
Sentinel-3 OLCI FR acquired on 29 January 2023 at 06:24:18 UTC

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

Keyword(s): Natural disaster, emergency, cyclone, flooding, water colour, alluvium, sediments, Madagascar

Fig. 1 - S3 SLSTR (19.01.2023 / 25.01.2023) - Tropical Storm Cheneso made landfall in northern Madagascar on 19 January 2023.

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

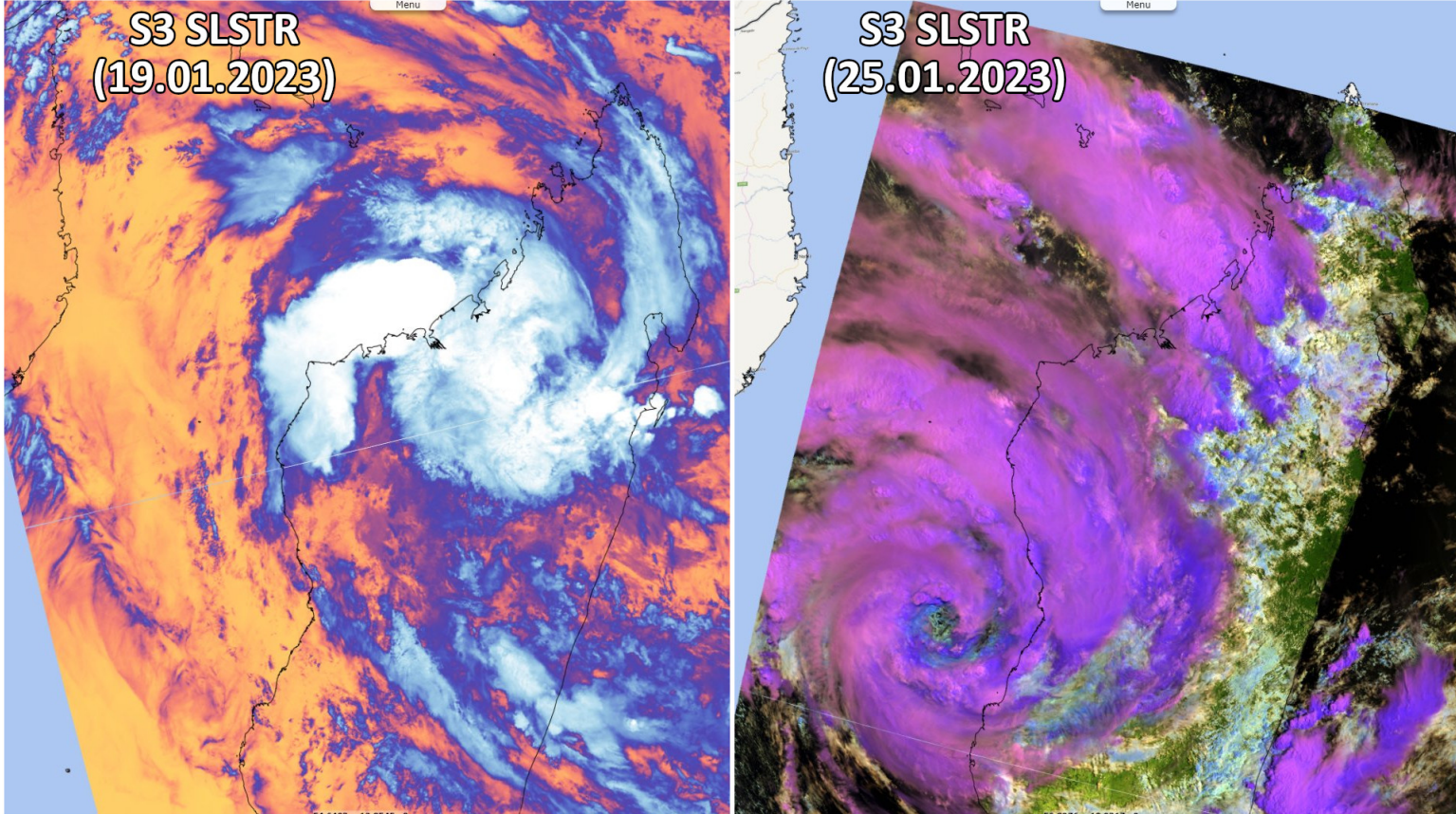
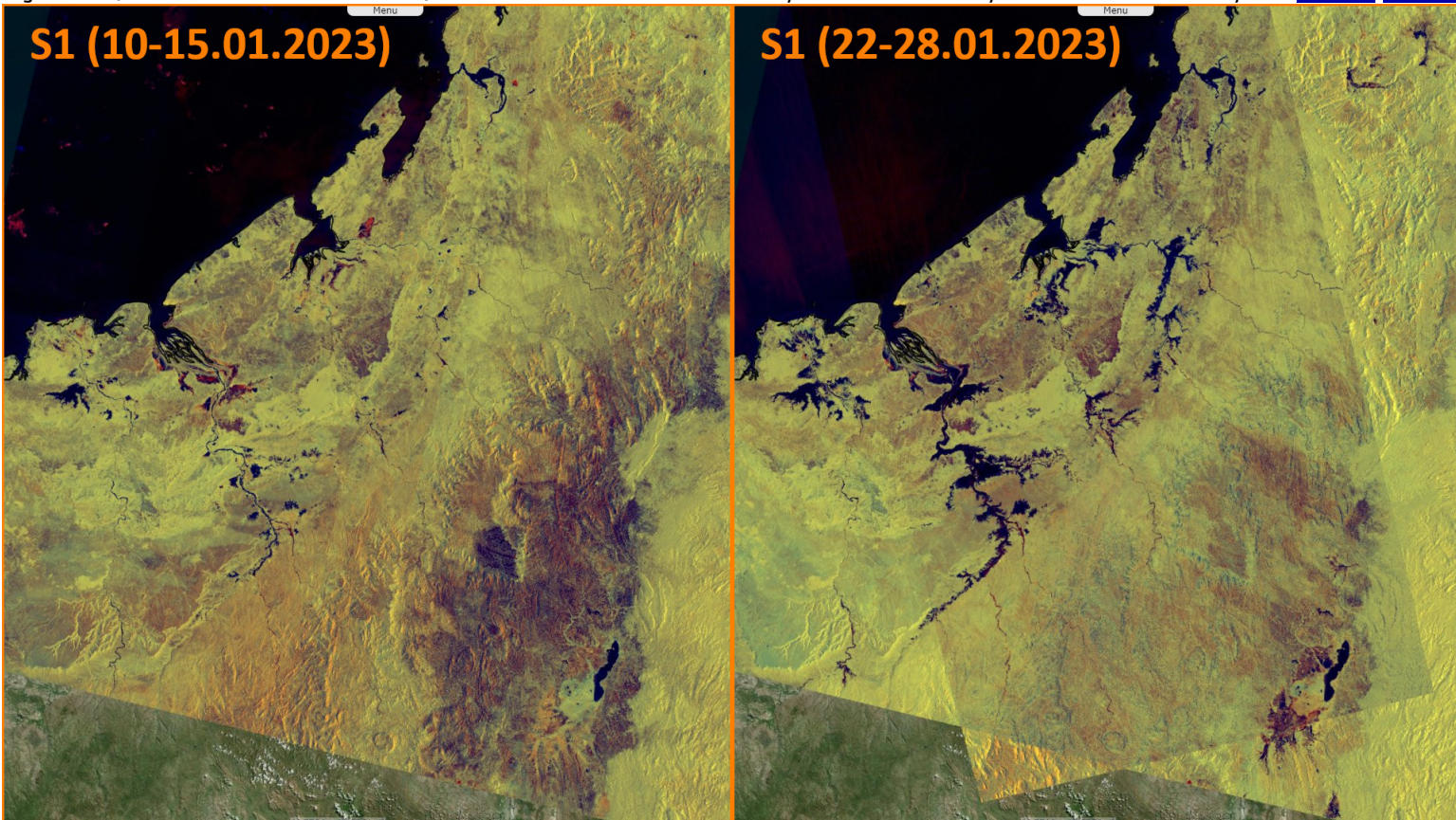


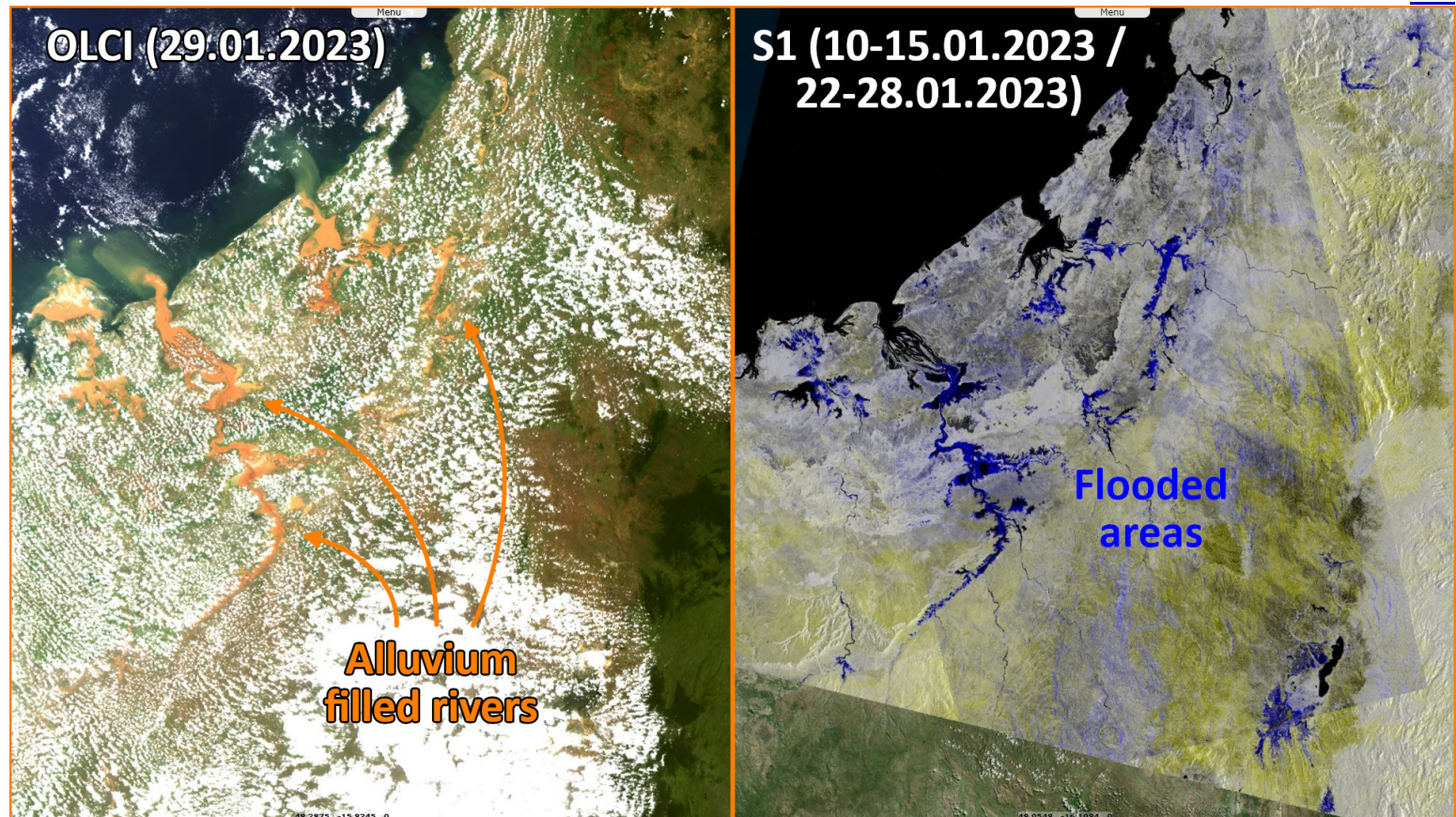
Fig. 2 - S1 (10-15.01.2023 / 22-28.01.2023) - Rivers at north-west of the country flooded while the cyclone crossed the country.

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















The National Office for Risk and Disaster Management (BNGRC) has reported 33 deaths and 20 missing. The agency reports a total 90 870 affected people, 34 100 of which were displaced. In addition to this, over 23 600 houses, 18 medical centers and 164 schools were damaged. About 1400 estimate of rice fields were flooded

Fig. 3 - S3 OLCI (29.01.2023) / S1 (10-15.01.2023 & 22-28.01.2023) - Sediments (orange at left) filled the flooded rivers (blue at right). [3D 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 2023, 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