



[2D Layerstack](#)

World water day - Colour changing octopus in Bombetoka Bay, Madagascar

Sentinel-2 MSI acquired on 30 March 2016 at 07:12:05 UTC

...

Sentinel-2 MSI acquired on 01 October 2017 at 07:12:11 UTC

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

Keyword(s): Water colour, coastal, river, delta, bay, mangrove, sediments, erosion, Madagascar

Fig. 1 - 01.10.2017 - 4,3,2 colour composite - Bombetoka Bay on a clear day, its blue water flows into the Mozambique canal. [2D animation](#) [3D view](#)



Fig. 2 - 05.12.2016 - Eroded material carried by the then yellow river dilutes into Bombetoka Bay water, giving it a cyan hue. [2D animation](#) [3D view](#)



Fig. 3 - 30.03.2016 - The bay becomes greenish as the load of orange-red sediments increases in Betsiboka River.

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



Fig. 4 - 15.12.2016 - Such red sediment plumes backs the saying that Madagascar soil "bleeds into the ocean".

[2D animation](#) [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.

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