Sentinel Vision SED-421 25 March 2019



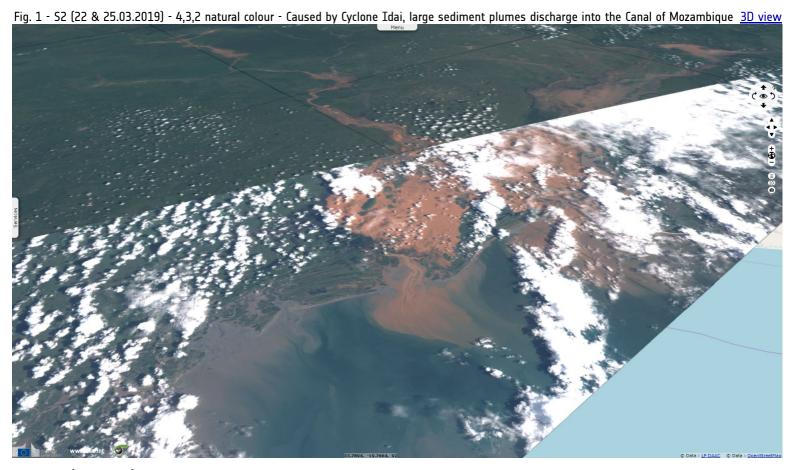
## Mudflows in Zimbabwe Eastern Highlands

Sentinel-2 MSI acquired on 23 February 2019 at 07:39:19 UTC Sentinel-2 MSI acquired on 22 March 2019 at 07:26:19 UTC

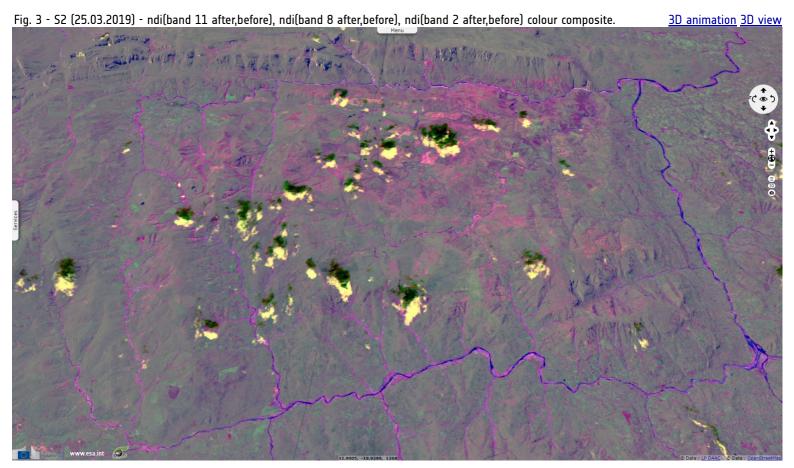
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Sentinel-2 MSI acquired on 25 March 2019 at 07:36:09 UTC

<u>Keyword(s):</u> Emergency, natural disaster, land, precipitations, landslide, mudflow, flooding, erosion, cyclone, Mozambique, Zimbabwe.







The 11,8,2 colour composite highlights the bare soil, vegetation and water cover. By computing the Normalised Difference Index of these 3 bands before and after Cyclone Idai, the change become more apparent: rivers grew and bare soil replaced vegetation due to erosion and mud deposits. In particular, landslides happened in numerous gullies, showing in pink and purple.





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