

Sentinel-2 shows flooding in Santa Catarina state, Brazil

Sentinel-2 MSI acquired on 24 April 2022 at 13:22:29 UTC
Sentinel-2 MSI acquired on 09 May 2022 at 13:22:41 UTC

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[2D Layerstack](#)

Fig. 1 - S2 (09.05.2022) - In Santa Catarina state, Southern Brazil, a large part of the plains below the plateau was affected by a flooding. [2D view](#)

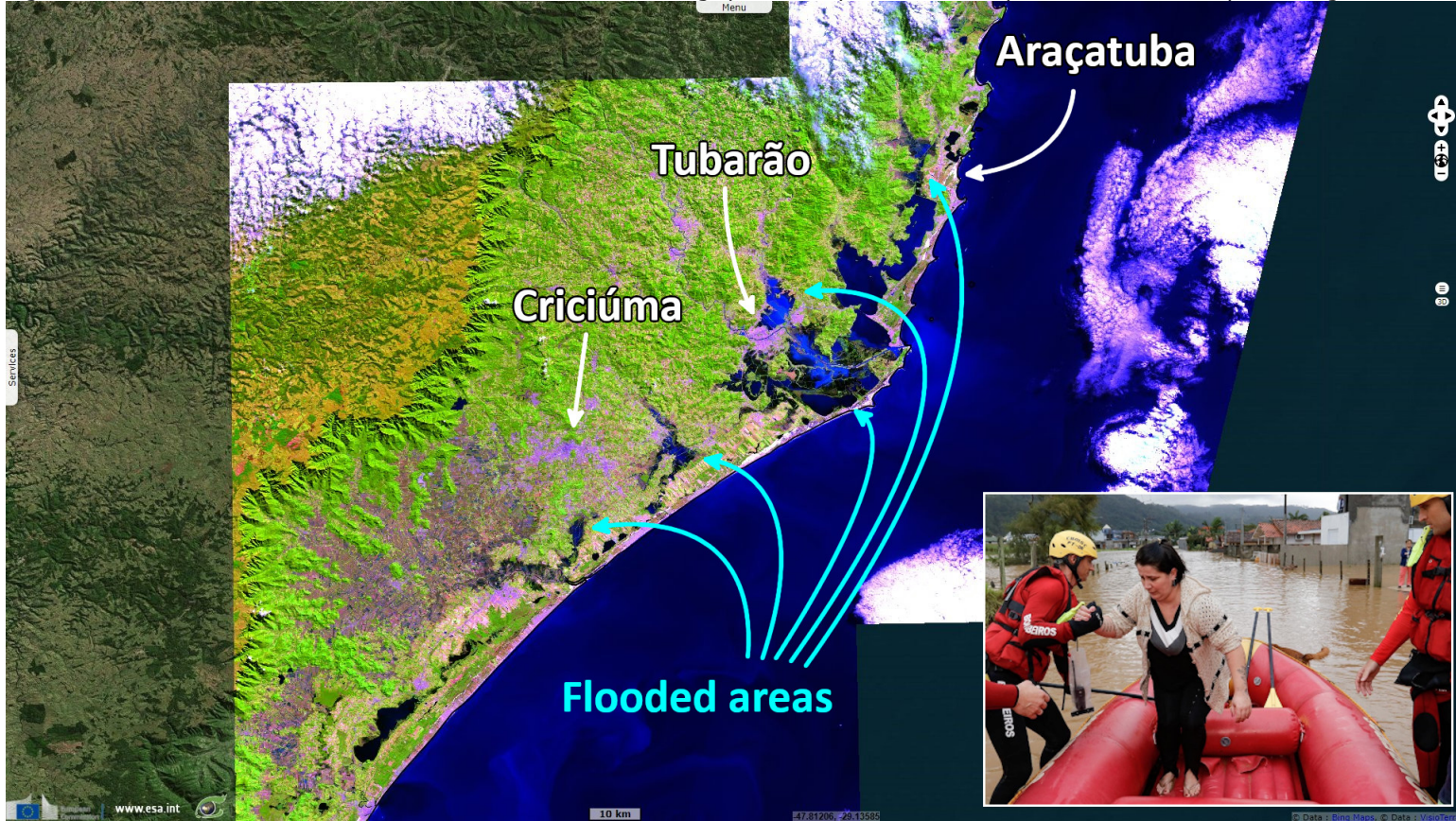
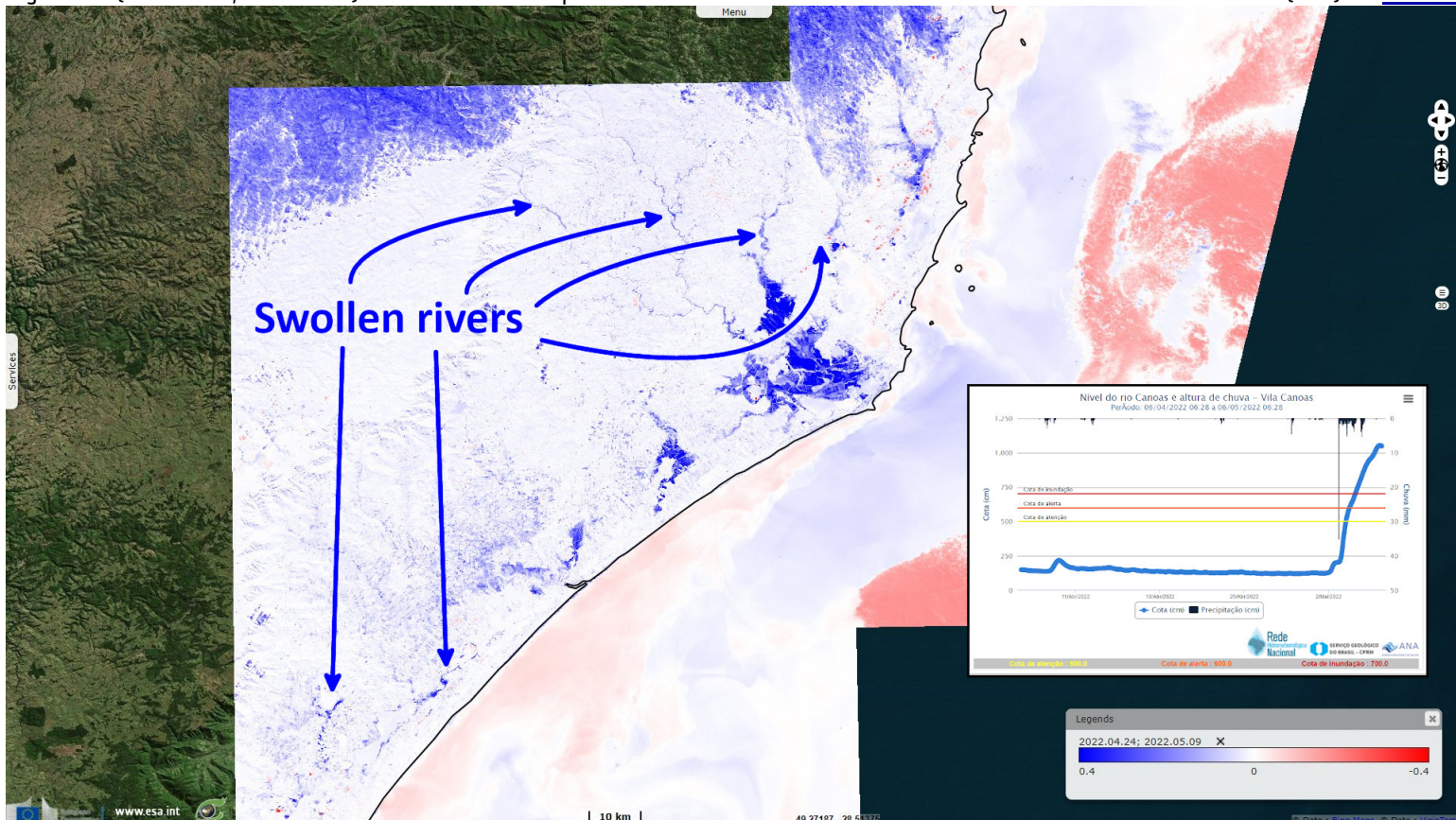














Fig. 2 - S2 (24.04.2022; 09.05.2022) - The difference of open waters indices before and after shows additional surfaces underwater (blue). [2D view](#)



Parts of the Santa Catarina state, near the southern tip of Brazil, saw between 300 and 400 mm of rain in a 72 hour period to 05 May 2022. At least 3 people have died and thousands have been displaced due to flooding and landslides. This processing highlights multiple swollen rivers and floodplains near Tubarão, Araçatuba and Criciúma.

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