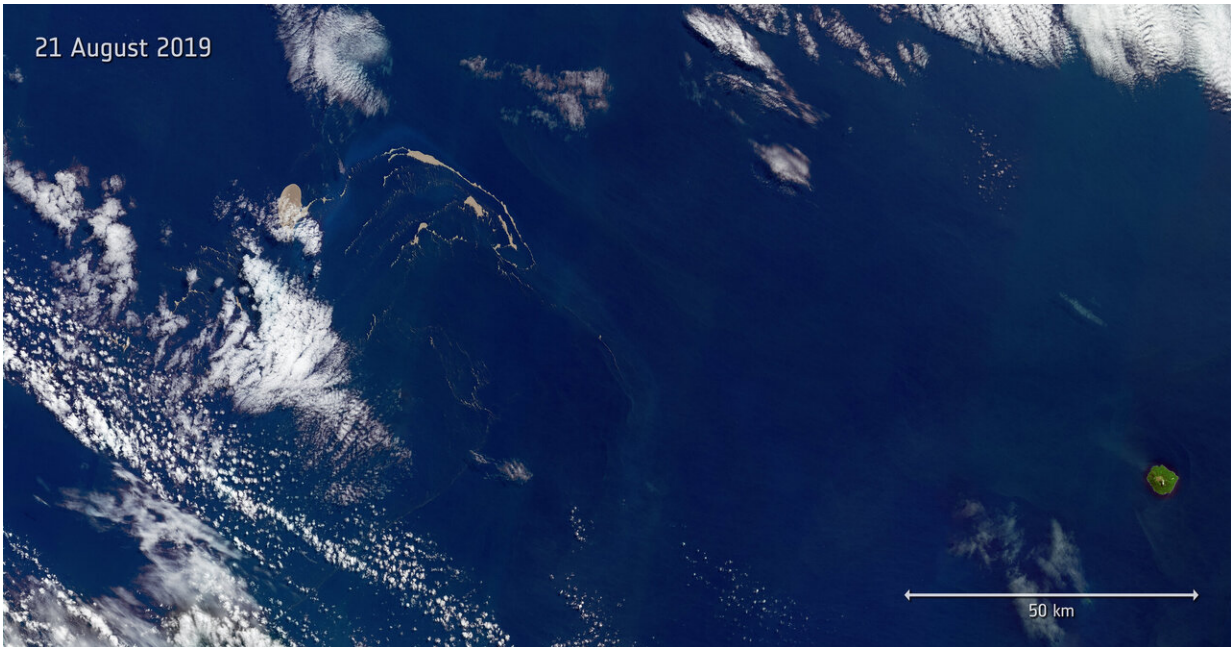


# Image: Raft of rubble

August 28 2019

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Credit: contains modified Copernicus data (2019), processed by ESA, [CC BY-SA 3.0 IGO](#)

Captured by the Copernicus Sentinel-2 mission on 21 August 2019, this image features a huge raft of pumice rock drifting in the Pacific Ocean. The pumice is believed to have come from an underwater volcano near Tonga, which erupted on 7 August.

The [volcanic debris](#) is full of holes and gas that make the rock light enough to float up to the sea surface. Covering a total area of around 150

sq km, this massive gathering of floating rocks has turned the ocean surface from its usual twinkling blue to a dull gray that almost looks like land.

The raft is drifting towards Australia, and while it may be causing some problems for sailors, it could bring benefits to the Great Barrier Reef. There are millions of pieces of rock and each is a potential vehicle that offers a ride to small marine organisms such as algae, snails, barnacles and corals. If the raft eventually reaches Australia, the hope is that these hitch-hiking organisms could help replenish the Great Barrier Reef, which has been damaged by rising seawater temperatures.

Provided by European Space Agency

Citation: Image: Raft of rubble (2019, August 28) retrieved 14 May 2024 from <https://phys.org/news/2019-08-image-raft-rubble.html>

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