

3D Layerstack

Ross Sea : Future world's largest marine protected area

Sentinel-3 OLCI FR acquired on 15 January 2017 at 17:55:13 UTC Sentinel-2 MSI (1 tile) acquired on 15 January 2017 at 20:25:11 UTC Sentinel-2 MSI (2 tiles) acquired on 16 January 2017 at 19:55:21 UTC

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Fig. 1 - During summer, the Ross Sea is home to phytoplankton blooms, a staple food for higher trophic levels such as krill, whales and seals. 3D view



According to the BBC, "The Ross Sea, its shelf and slope only comprise 2% of the Southern Ocean but they are home to 38% of the world's Adelie penguins, 30% of the world's Antarctic petrels and around 6% of the world's population of Antarctic minke whales. The region is important to the rest of the planet as the upwelling of nutrients from the deep waters are carried on currents around the world."









- Numerous ocean colours seen by Sentinel-2A satellite 4



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