

New emperor penguin colony found in West Antarctica

Sentinel-2 MSI acquired on 29 September 2021 at 17:14:09 UTC

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Sentinel-2 MSI acquired on 07 December 2021 at 17:44:29 UTC

Sentinel-2 MSI acquired on 10 November 2022 at 17:03:59 UTC

Sentinel-2 MSI acquired on 09 January 2023 at 17:03:59 UTC

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[3D Layerstack](#)

Fig. 1 - S2 (28.10.2021) - On 20.01.2023, scientists announced they discovered a new emperor penguin colony at Verleger Point in Marie Byrd Land, Antarctica.

[3D view](#)



The British Antarctic Survey used satellite mapping technology to spot the stains from the penguins' excrement, or guano. The colonies prefer areas close the sea but protected by the wind and from an early melt. The Emperors breed on sea-ice attached to the coast - so-called "fast ice". They raise their chicks to swim before the sea-ice melts in the austral summer.

Fig. 2 - S2 (29.09.2021 / 28.10.2021 / 07.12.2021) - Different penguin sites showing in 2021.

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

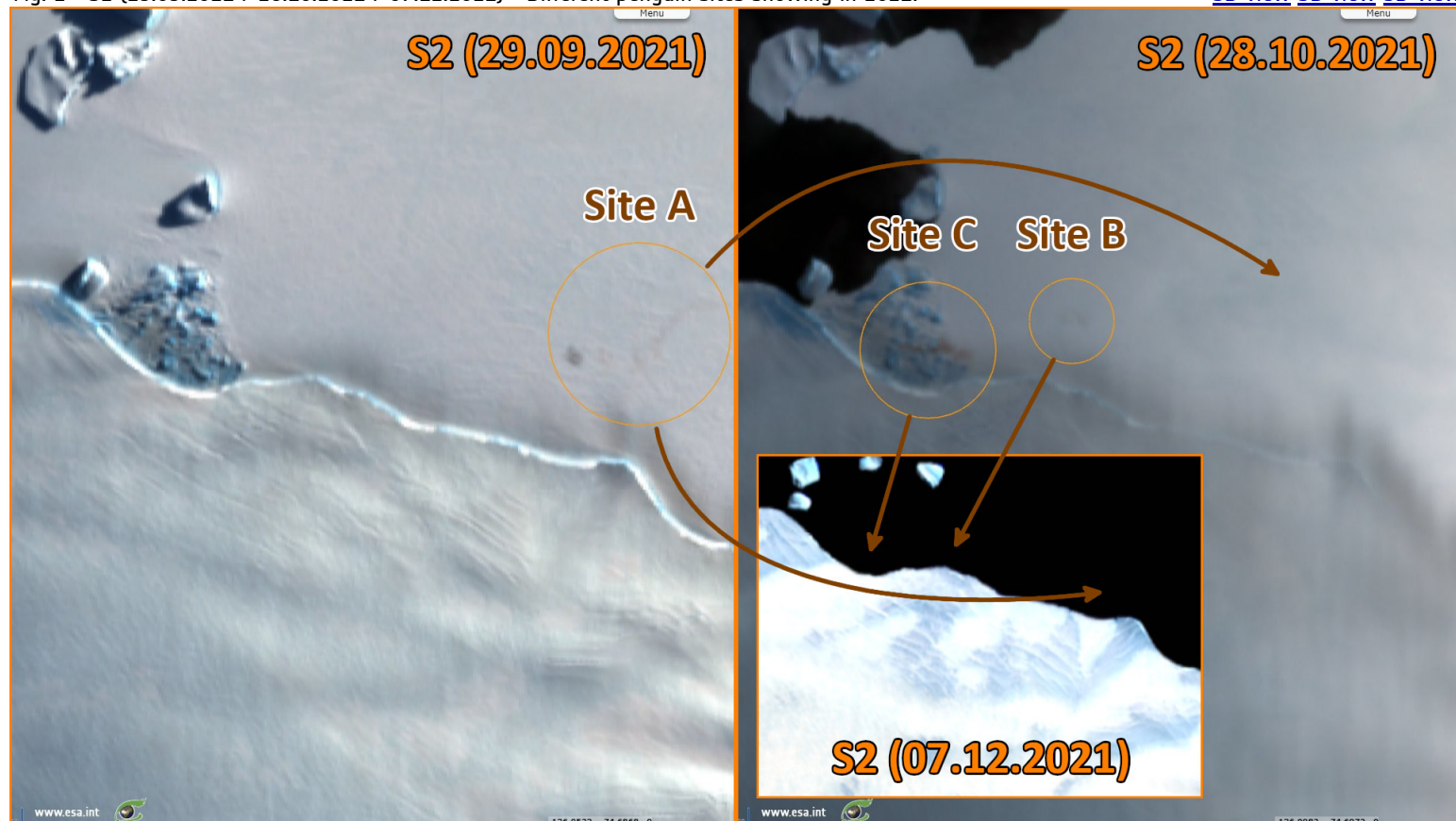
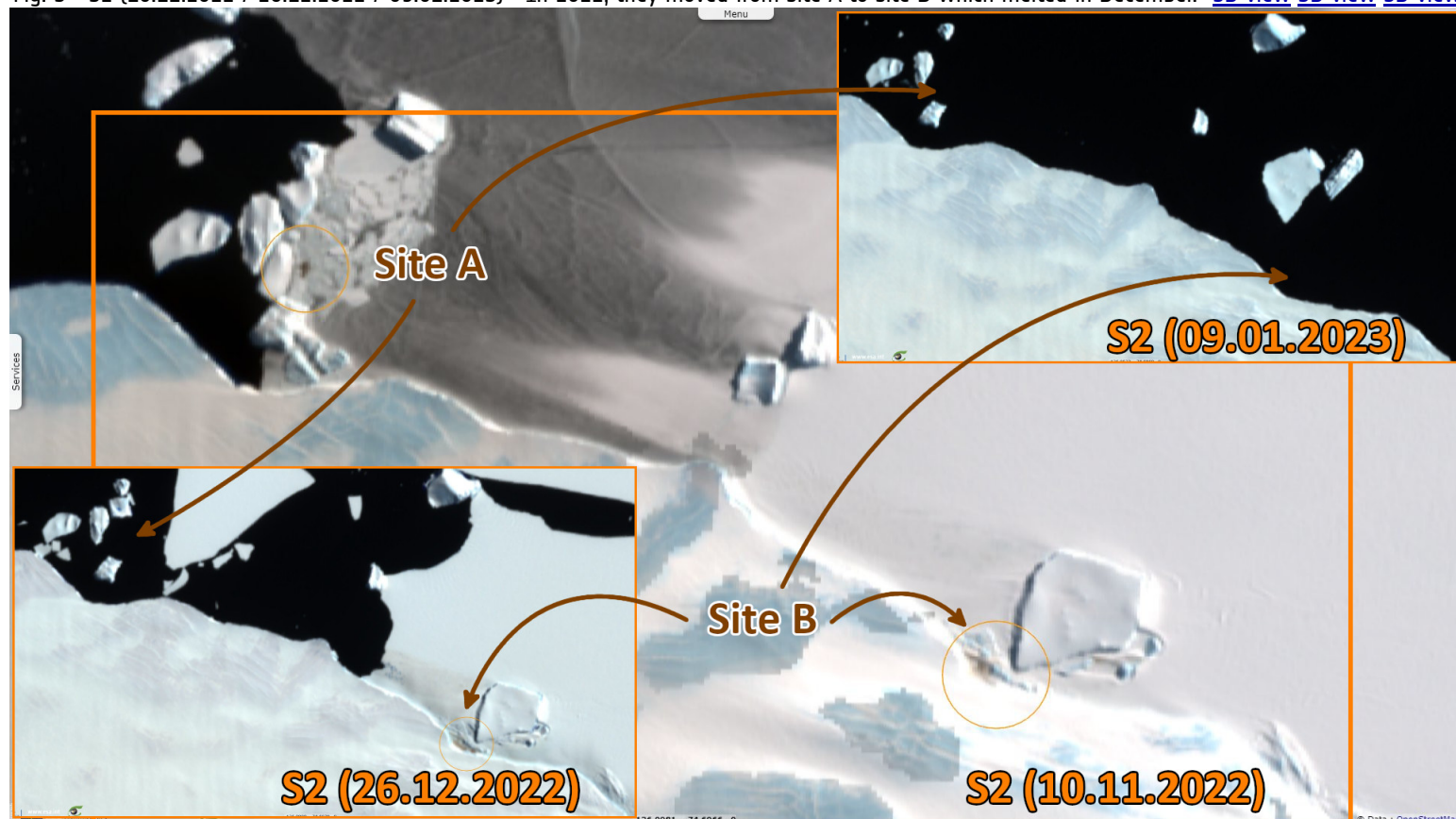














Fig. 3 - S2 (10.11.2022 / 26.12.2022 / 09.01.2023) - In 2022, they moved from site A to site B which melted in December. [3D view](#) [3D view](#) [3D view](#)



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