

# Lake Nokoue, fishing ground near the urban heart of Benin

Sentinel-2 MSI acquired on 12 December 2016 at 10:04:12 UTC

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Sentinel-2 MSI acquired on 25 January 2022 at 10:03:11 UTC

Sentinel-1 CSAR IW acquired on 18 February 2022 at 18:10:08 UTC

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Keyword(s): Lake, natural resources, fishing, aquaculture, Ramsar site, lake, Benin

[2D Layerstack](#)

Fig. 1 - S1 + S2 (25.01.2022) - Lake Nokoué lies at south-east of Benin, between Porto-Novo & Cotonou.

[2D view](#)

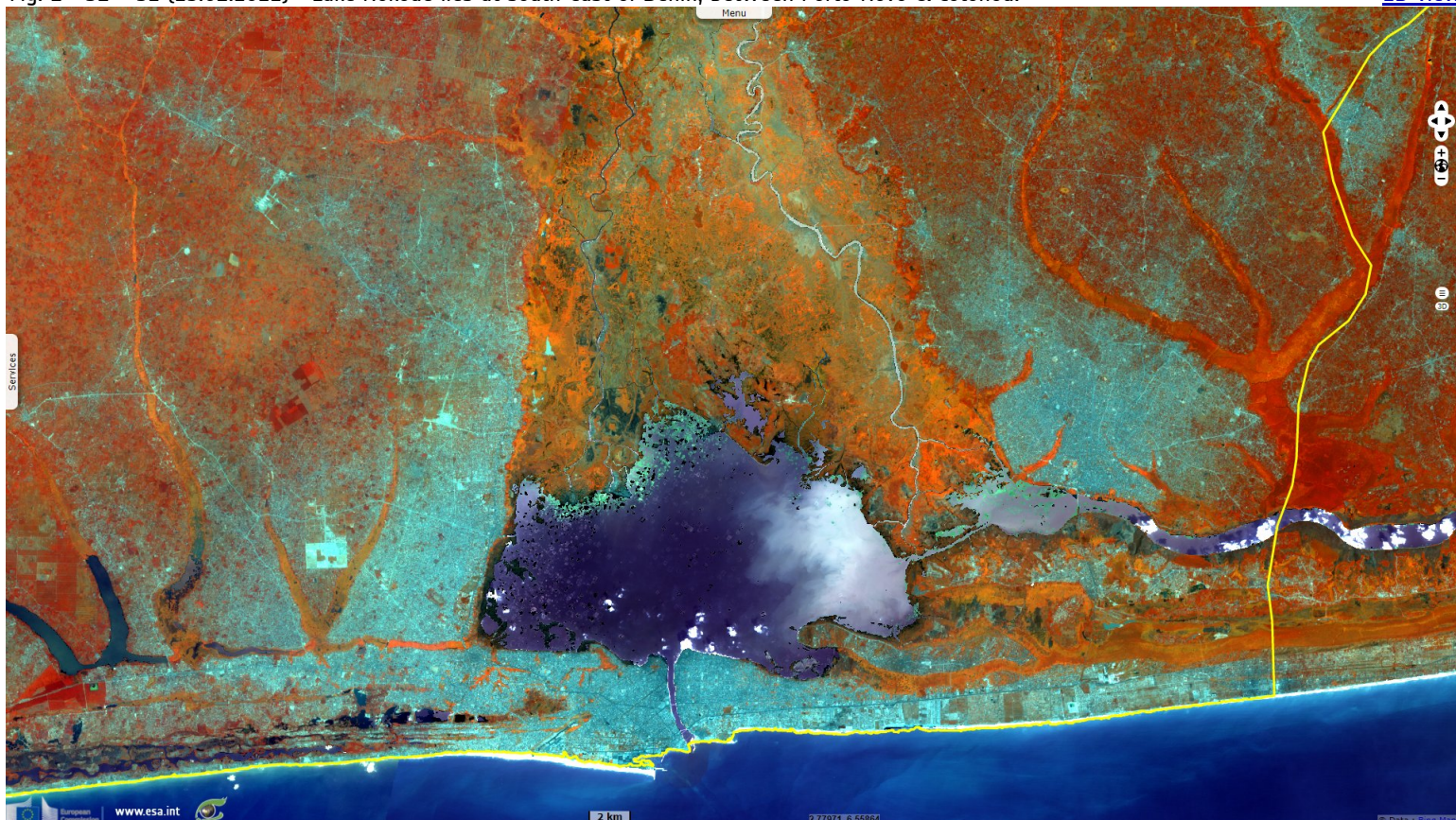
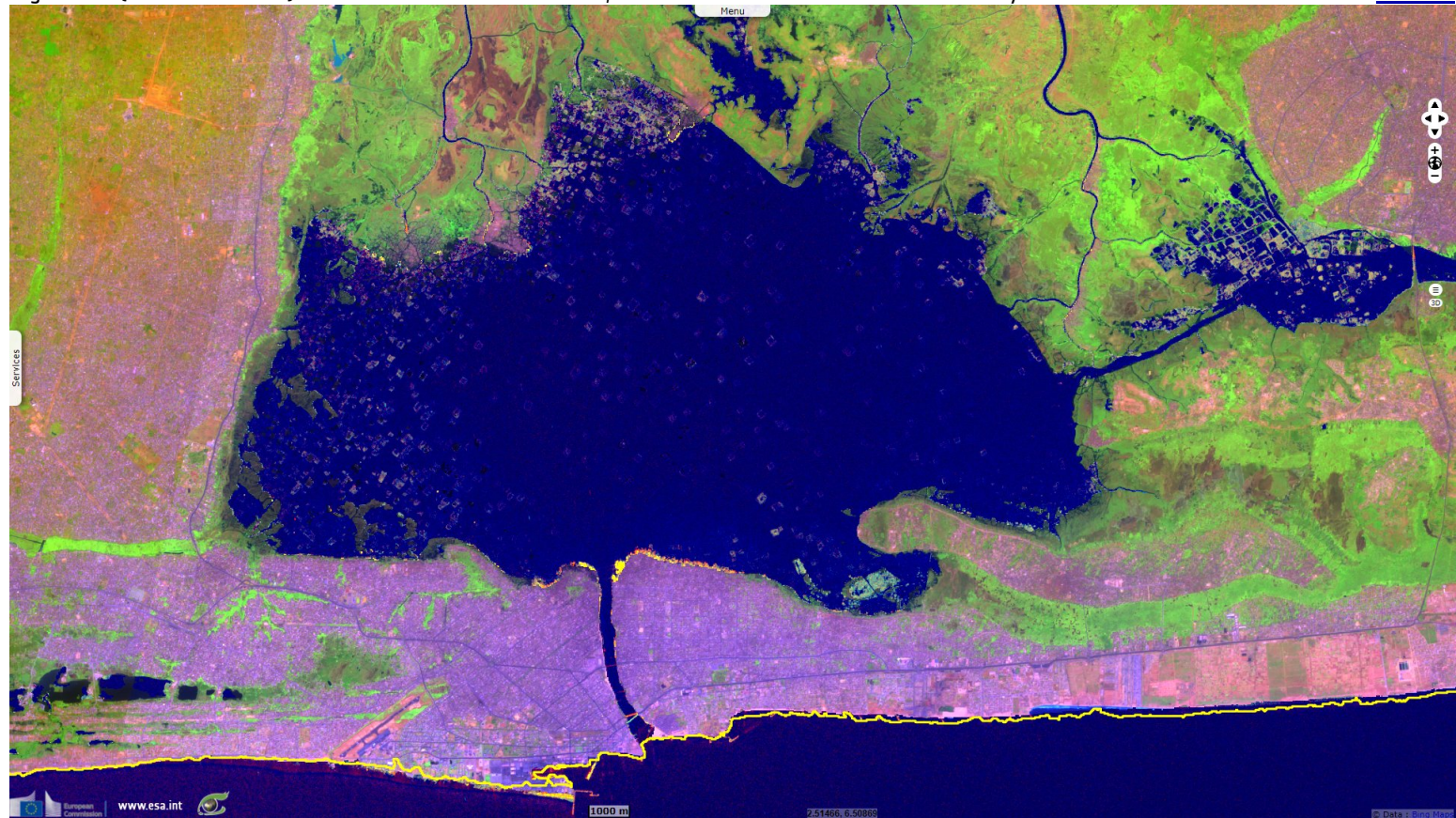




Fig. 2 - S2 (23 & 25.01.2022) - Lake Nokoue is 20 km x 11 km, it covers 4900 ha and fed in sediments by the Ouémé & Sô rivers.

[2D view](#)



Over 30 species of fish are caught here. The cichlid, clupeid & penaeid families account for 85% of the catch. Fishing became less flourishing during the 1990s, due to the increase in the number of fishermen on the lake.

Fig. 3 - S1 + S2 (25.01.2022) - The lake is also used for the installation of boughs (acadja), a fish farming technique.

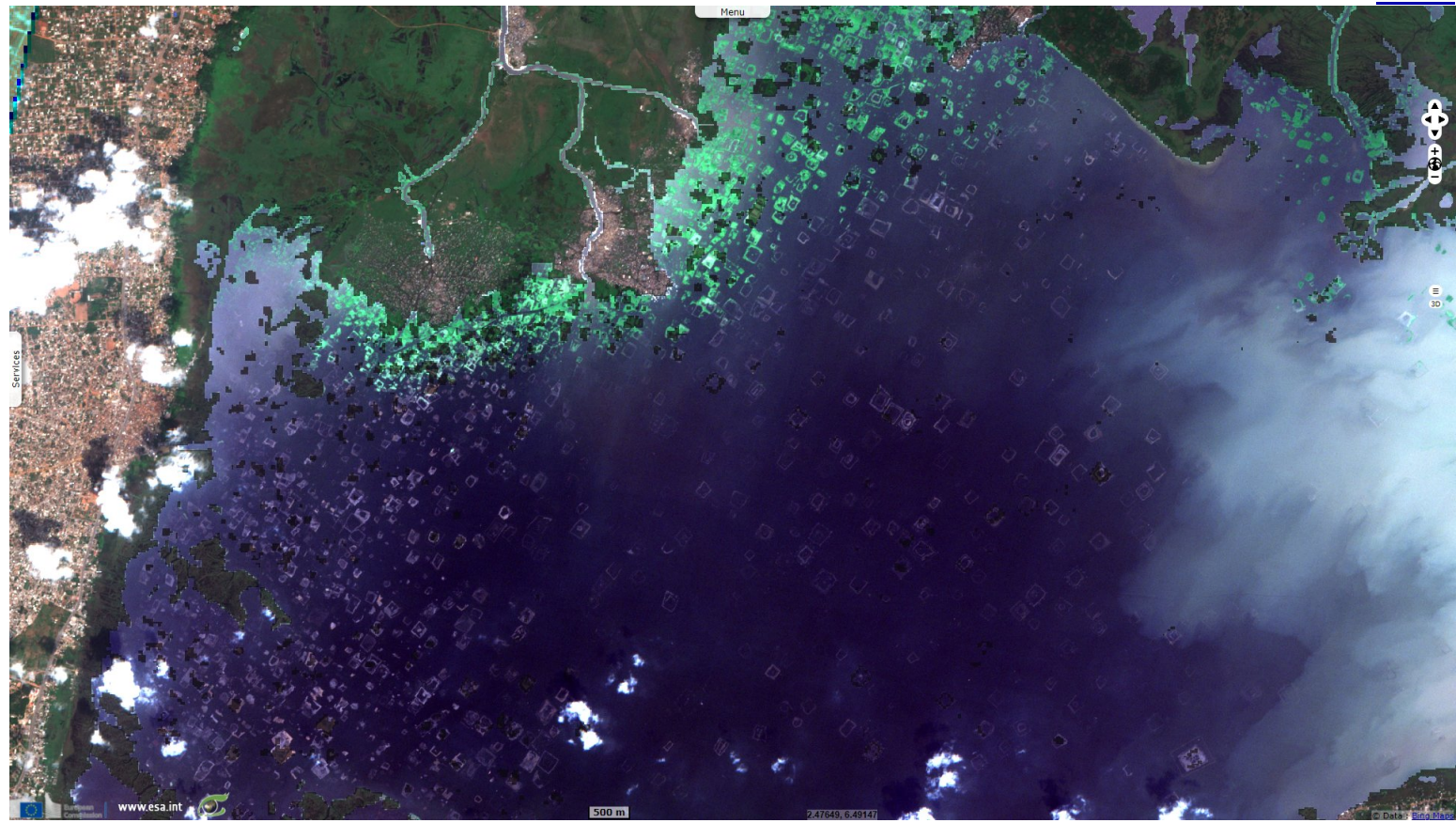
[2D view](#)















But with the upsurge of fish breeding, the spaces covered with acadja become exclusive and even transferable properties for some alleged owners.



Fig. 4 - S2 (12.12.2016, 23 & 25.01.2022) - This encourages conflicts over access to the resources between fishermen net users and acadja owners. [2D view](#)



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