

Carioca landscapes in Rio de Janeiro

Sentinel-2 MSI acquired on **01 September 2018** at 13:02:51 UTC
Sentinel-1 CSAR IW acquired on **30 March 2019** from 08:21:34 to 08:21:59 UTC

Author(s): Sentinel Vision team, VisioTerra, France - svp@visioterra.fr

Keyword(s): Coastal, urban, forestry, mountain range, bay, beach, UNESCO World Heritage, Brazil, Atlantic

[2D Layerstack](#)

Fig. 1 - S1 (30.03.2019) - vv,vh,vv colour composite - Greater Rio de Janeiro is located mostly at west of Guanabara Bay.

[2D view](#) [3D view](#)

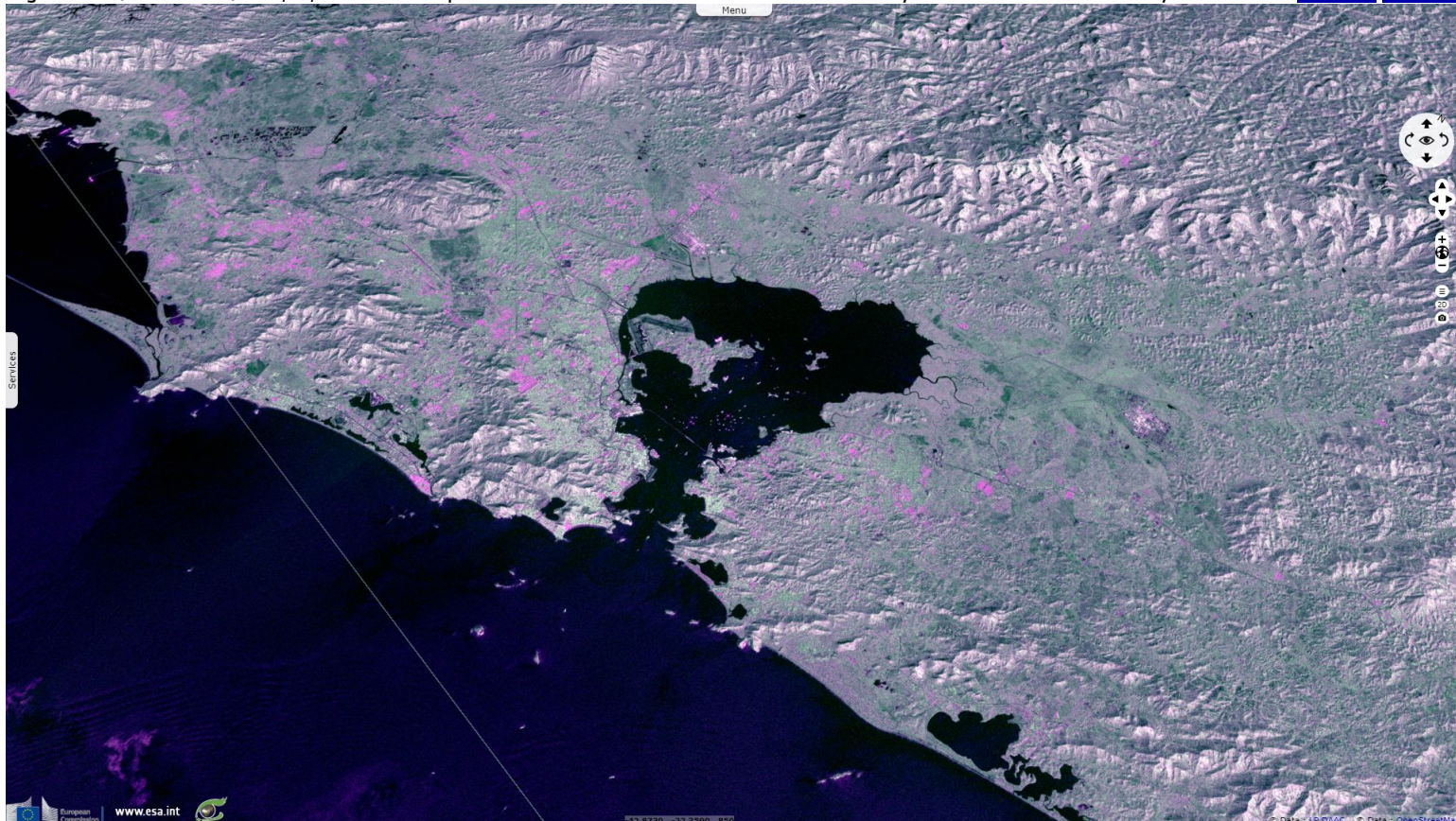


Fig. 2 - S2 (01.09.2018) - 12,11,2 colour composite - Around 12 million people live in this agglomeration surrounded by Serra do Mar range.

[3D view](#)



This long coastal range once faced the Namib Escarpment between Angola & Namibia. 1/3 of Rio inhabitants live in favelas backed by these slopes.

Fig. 3 - In the mountains amidst Rio de Janeiro is Tijuca National Park, the World's biggest urban forest and a UNESCO World Heritage site. [3D view](#)

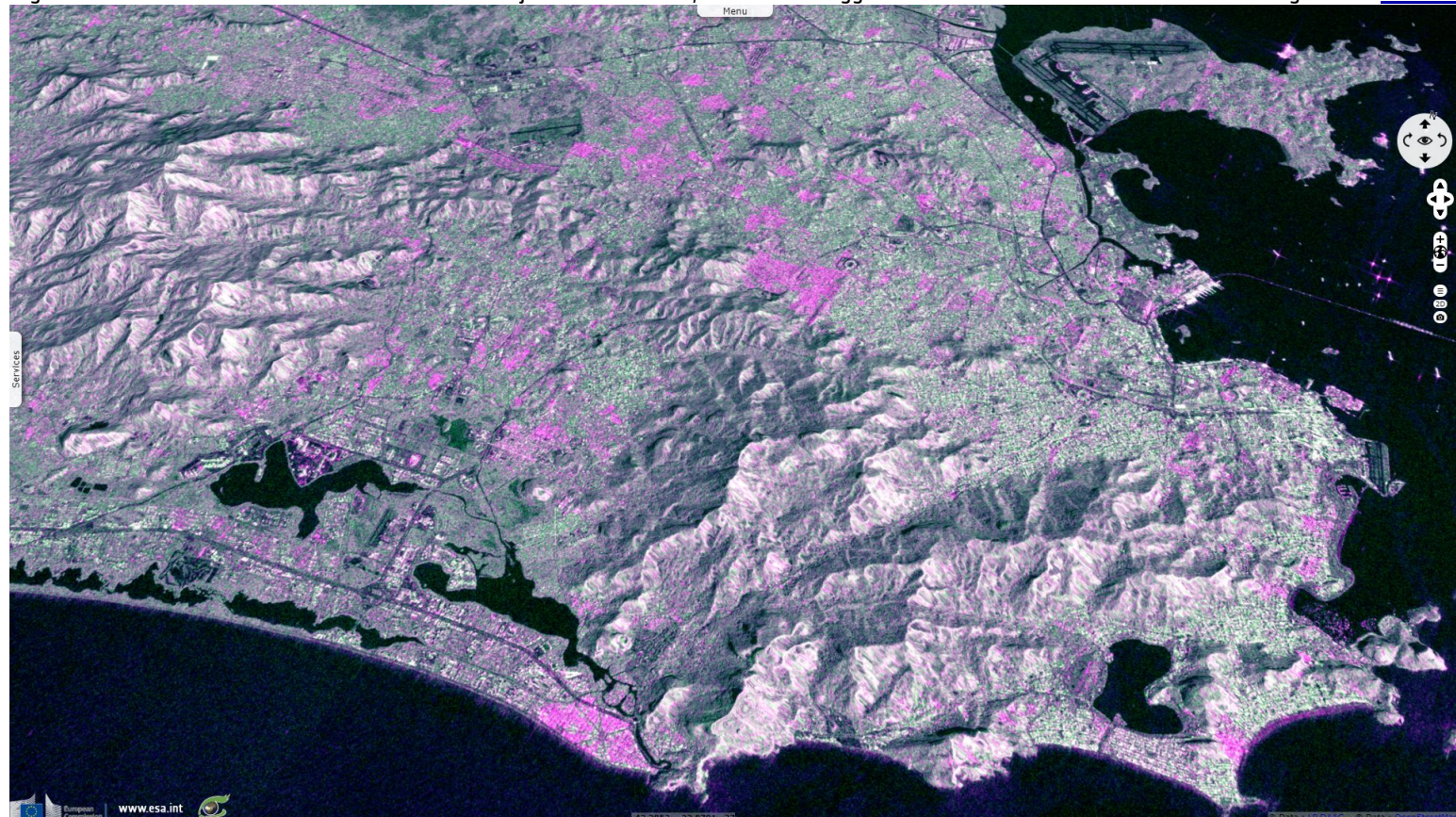


Fig. 4 - 4,3,2 natural colour - At right lie Copacabana beach, Sugarloaf mountain & Urca hill before Corcovado mountain & its Christ Redeemer. [3D view](#)



*The views expressed herein can in no way be taken to reflect the official opinion of the European Space Agency or the European Union.
Contains modified Copernicus Sentinel data 2019, processed by VisioTerra.*

More on European Commission space:						
More on ESA:				S-1 website	S-2 website	S-3 website
More on Copernicus program:				SciHub portal	CopHub portal	Inthub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal