

The green wall between Haiti and Dominican Republic

Sentinel-1 CSAR IW acquired on **09 March 2021** from 22:53:01 to 22:53:30 UTC
Sentinel-1 CSAR IW acquired on **21 March 2021** from 22:53:01 to 22:53:30 UTC
Sentinel-1 CSAR IW acquired on **02 April 2021** from 22:53:01 to 22:53:30 UTC
Sentinel-2 MSI acquired on **18 April 2021** at 15:26:39 UTC
Sentinel-3 OLCI FR acquired on **19 April 2021** from 14:50:07 to 14:53:07 UTC

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

Keyword(s): Forestry, border, deforestation, Haiti, Dominican Republic



[2D Layerstack](#)

Fig. 1 - S3 OLCI (19.04.2021) - There is a large disparity in forest cover between Haiti at west and the Dominican Republic at east, on Hispaniola island.

[2D view](#)



Fig. 2 - S1 (09 & 21.03.2021, 02.04.2021) - This "green wall" delineates bare soil at west on the Haitian side contrasting with a higher forest cover at east.



Fig. 3 - S2 (18.04.2021) - By seeing the forest cover in the Dominican Republic, one can guess how much deforestation that has occurred on the Haitian side.

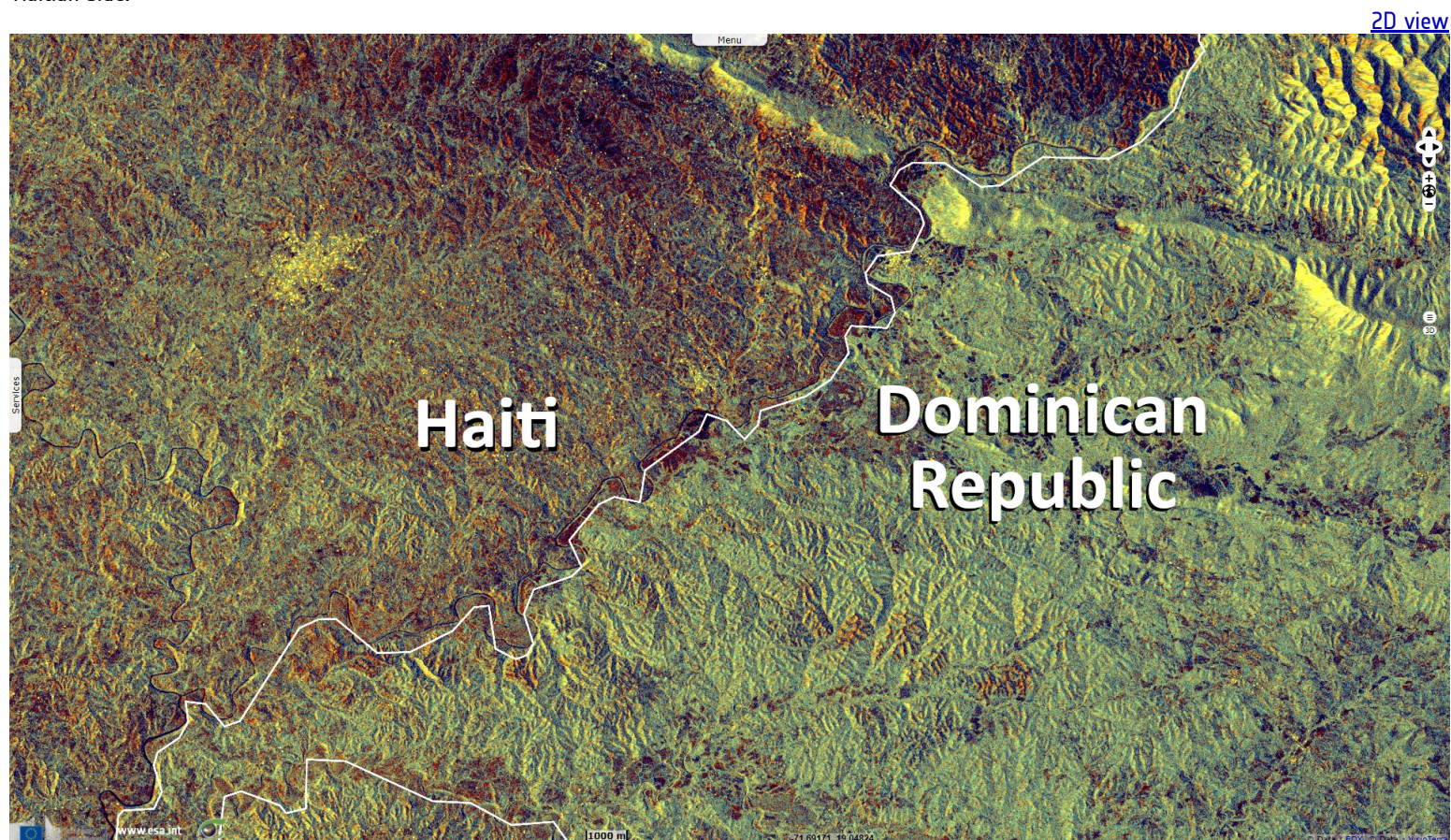
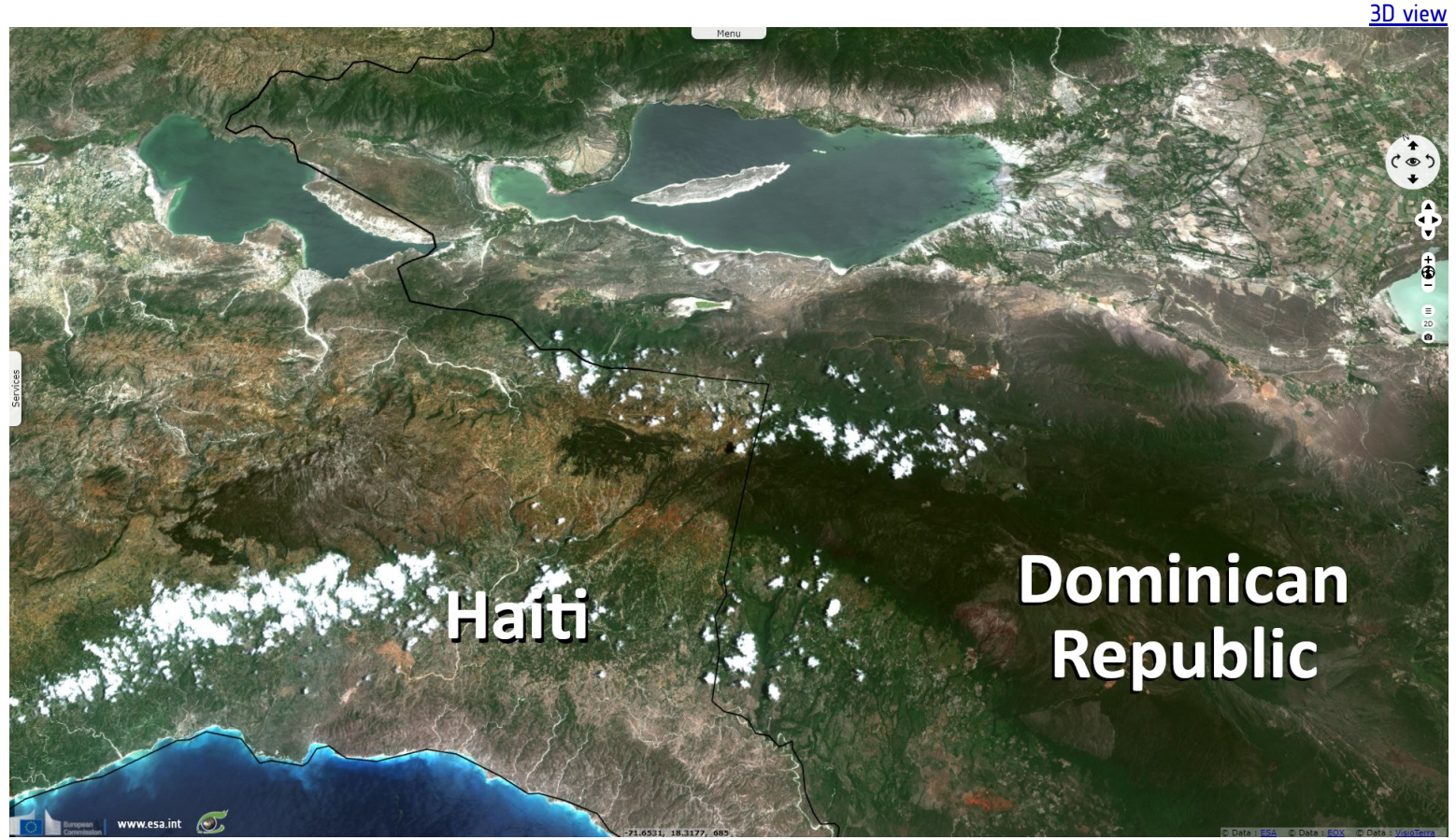














Fig. 4 - S2 (18.04.2021) - In Collapse: How Societies Choose to Fail or Succeed, Jared Diamond identified deforestation as one of the reasons of difference of success between both countries.



*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 2022, 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	Colhub portal
More on VisioTerra:				Sentinel Vision Portal	Envisat+ERS portal	Swarm+GOCE portal	CryoSat portal