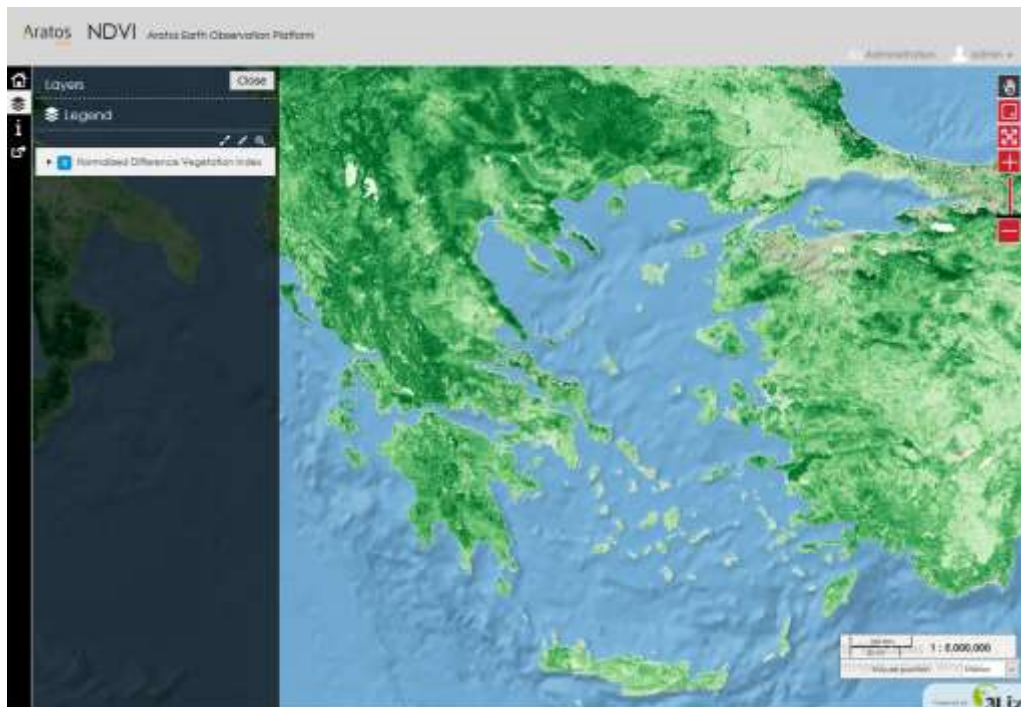


Satellite support for agriculture with the new NDVI of Aratos Earth Observation Data Platform

As part of the radical renewal of the Aratos Earth Observation Data Platform, the improved NDVI (Normalized Difference Vegetation Index) is being integrated. The ND Vegetation Index is a derivative of satellite measurements in visible and intermediate infrared radiation spectrum, the purpose of which is to capture the existence of vegetation and its photosynthetic performance.

The ND Vegetation Index is widely used in agriculture to view crop yields and in environmental studies. Vegetation quality monitoring and coverage is done by measuring the intermediate infrared spectrum of radiation (reflected by vegetation) and measuring the absorption of red light (absorbed by vegetation).

The display of the improved NDVI is now done by a PROBA-V satellite with a higher resolution than the older MODIS and TERRA displays. The data will be updated regularly and distributed through the new Aratos Earth Observation Data Platform system.



We continue to innovate with space technologies since 2005.

For more information visit www.aratos.gr and www.aratosdisastercotrol.com.